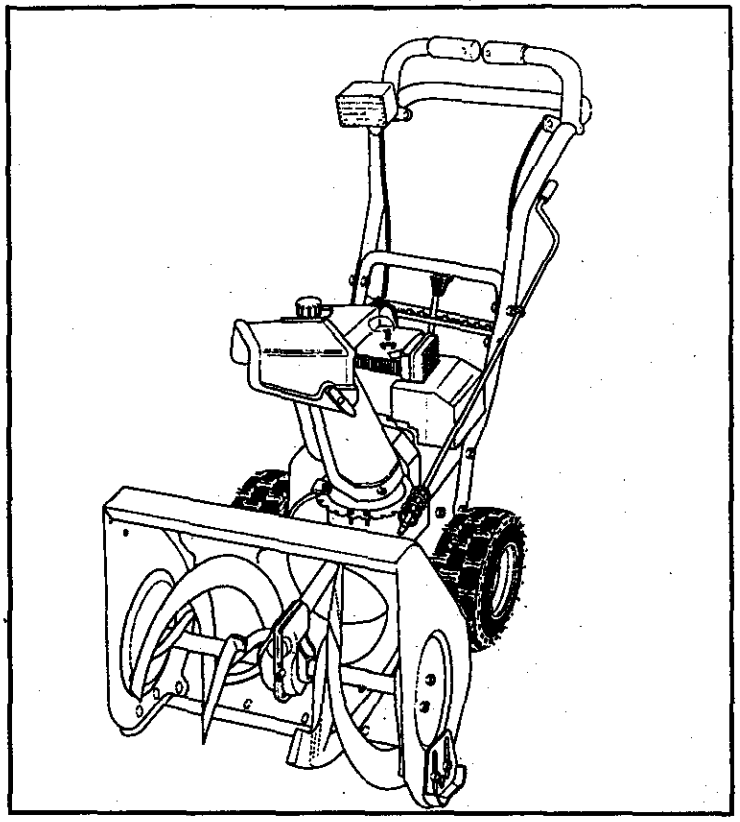
IMPORTANT MANUAL *DO NOT THROW AWAY*

SEARS
OWNER'S MANUAL

MODEL NO.
536.886621
334220

Caution:
Read and Follow All Safety Rules and Instructions Before Operating This Equipment



CRAFTSMAN®

8 HORSEPOWER
26" DUAL STAGE
120V. ELECTRIC START
SNOW THROWER

- Assembly
- Operation
- Customer Responsibilities
- Service and Adjustments
- Repair Parts

SEARS, ROEBUCK AND CO., Hoffman Estates, IL 60179 U.S.A.

SAFETY RULES

CAUTION: ALWAYS DISCONNECT SPARK PLUG WIRE AND PLACE WIRE WHERE IT CANNOT CONTACT SPARK PLUG TO PREVENT ACCIDENTAL STARTING WHEN SETTING-UP, TRANSPORTING, ADJUSTING OR MAKING REPAIRS.

IMPORTANT

SAFETY STANDARDS REQUIRE OPERATOR PRESENCE CONTROLS TO MINIMIZE THE RISK OF INJURY. YOUR SNOW THROWER IS EQUIPPED WITH SUCH CONTROLS. DO NOT ATTEMPT TO DEFEAT THE FUNCTION OF THE OPERATOR PRESENCE CONTROL UNDER ANY CIRCUMSTANCES.

TRAINING

1. Read the operator's manual carefully. Be thoroughly familiar with the controls and the proper use of the snow thrower. Know how to stop the snow thrower and disengage the controls quickly.
2. Never allow children to operate the snow thrower and keep them away while it is operating. Never allow adults to operate the snow thrower without proper instruction. Do not carry passengers.
3. Keep the area of operation clear of all persons, particularly small children, and pets.
4. Exercise caution to avoid slipping or falling, especially when operating in reverse.

PREPARATION

1. Thoroughly inspect the area where the snow thrower is to be used and remove all doormats, sleds, boards, wires, and other foreign objects.
2. Disengage all clutches and shift into neutral before starting the engine (motor).
3. Do not operate the snow thrower without wearing adequate winter outer garments. Wear footwear that will improve footing on slippery surfaces.
4. Handle fuel with care; it is highly flammable.
   (a) Use an approved fuel container.
   (b) Never remove fuel tank cap or add fuel to a running engine or hot engine.
   (c) Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
   (d) Replace fuel tank cap securely and wipe up spilled fuel.
   (e) Never store fuel or snow thrower with fuel in the tank inside of a building where fumes may reach an open flame or spark.
   (f) Check fuel supply before each use, allowing space for expansion as the heat of the engine (motor) and/or sun can cause fuel to expand.
5. Use extension cords and receptacles as specified by the manufacturer for all snow throwers with electric drive motors or electric starting motors.
6. Adjust the snow thrower height to clear gravel or crushed rock surfaces.
7. Never attempt to make any adjustments while the engine (motor) is running (except when specifically recommended by the manufacturer).
8. Let engine (motor) and snow thrower adjust to outdoor temperatures before starting to clear snow.
9. Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect eyes from foreign objects that may be thrown from the snow thrower.

OPERATION

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
2. Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
3. After striking a foreign object, stop the engine (motor), remove the wire from the spark plug, disconnect the cord on electric motors, thoroughly inspect the snow thrower for any damage, and repair the damage before restarting and operating the snow thrower.
4. If the snow thrower should start to vibrate abnormally, stop the (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
5. Stop the engine (motor) whenever you leave the operating position, before unclogging the auger/impeller housing or discharge guide, and when making any repairs, adjustments, or inspections.
6. When cleaning, repairing, or inspecting, make certain the auger/impeller and all moving parts have stopped. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
7. Take all possible precautions when leaving the snow thrower unattended. Disengage the auger/impeller, shift to neutral, stop engine, and remove key.

SAFETY RULES

8. Do not run the engine indoors, except when starting the engine and for transporting the snow thrower in or out of the building. Open the outside doors; exhaust fumes are dangerous (containing CARBON MONOXIDE, an ODORLESS and DEADLY GAS).
9. Do not clear snow across the face of slopes. Exercise caution when changing direction on slopes. Do not attempt to clear steep slopes.
10. Never operate the snow thrower without proper guards, plates or other safety protective devices in place.
11. Never operate the snow thrower near glass enclosures, automobiles, window wells, drop-offs, and the like without proper adjustment of the snow discharge angle. Keep children and pets away.
12. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
13. Never operate the snow thrower at high transport speeds on slippery surfaces. Look behind and use care when backing.
14. Never direct discharge at bystanders or allow anyone in front of the snow thrower.
15. Disengage power to the auger/impeller when snow thrower is transported or not in use.
16. Use only attachments and accessories approved by the manufacturer of the snow thrower (such as tire chains, electric start kits, etc.).
17. Never operate the snow thrower without good visibility or light. Always be sure of your footing, and keep a firm hold on the handles. Walk; never run.

MAINTENANCE AND STORAGE

1. Check shear bolts and other bolts at frequent improper tightness to be sure the snow thrower is in safe working condition.
2. Never store the snow thrower with fuel in the fuel tank inside a building where ignition sources are present such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
3. Always refer to operator's manual instructions for important details if the snow thrower is to be stored for an extended period.
4. Maintain or replace safety and instruction labels, as necessary.
5. Run the snow thrower a few minutes after throwing snow to prevent freeze-up of the auger/impeller.

WARNING

This snow thrower is for use on sidewalks, driveways, and other ground level surfaces.

CAUTION should be exercised while using on steep sloping surfaces. DO NOT USE SNOW THROWER ON SURFACES ABOVE GROUND LEVEL such as roofs of residences, garages, porches or other such structures or buildings.

LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS--ATTENTION!!! BECOME ALERT!!! YOUR SAFETY IS INVOLVED.

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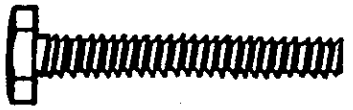
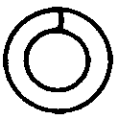


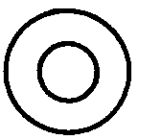
*2 - Spare Shear Bolts
(1/4-20 x 1-3/4 In.)

1- 5/16 In. Hex Nut

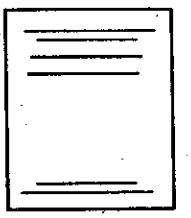


1 - 5/16 In. Lockwasher

*2 - Spare Spacers

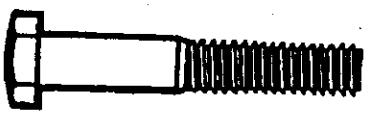


1 - 5/16 In. Flatwashers

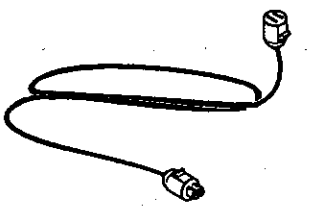


1 - Owner's manual

*2 - Spare 1/4 - 20 Locknuts



1- 5/16-18 x 1-3/4 In. Hex Head Bolt

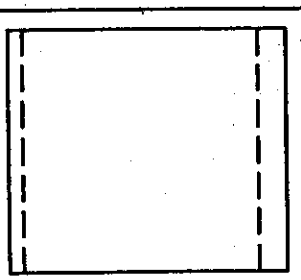


1 - Starter Motor Cord 10Ft.

*Non-Assembly Parts

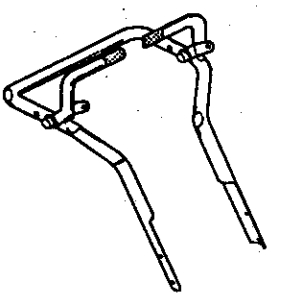
2- Cable Ties

Parts packed separately in carton (not shown full size)

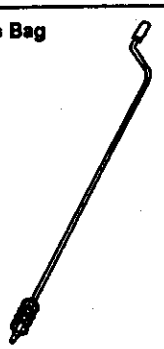


1 - Parts Bag

1 - container 5W30 oil



1 - Upper Handle



1 - Crank Assembly

2 - Ignition Keys
(Attached to engine in plastic bag)

SERVICE AND ADJUSTMENTS

CAUTION: ALWAYS DISCONNECT THE SPARK PLUG WIRE AND TIE BACK AWAY FROM THE PLUG BEFORE MAKING ANY ADJUSTMENTS OR REPAIRS.

TO ADJUST SKID HEIGHT

This snow thrower is equipped with two height adjustment skids, located on the outside of the auger housing (See Fig. 20). These skids elevate the front of the snow thrower.

For normal hard surfaces, adjust the skids as follows:

- Check tire pressure (14 to 17 pounds). See side of tire for maximum inflation. Do not exceed maximum pressure on side of tire.
- Place the extra shear bolts supplied (found in parts bag) under each end of the scraper bar near but not under the skid.
- Loosen the skid mounting nuts (See Fig. 20) and adjust the skids up to bring the front of the snow thrower down. Re-tighten the mounting nuts.
- Set the skid on the other side at the same height.

For rocky or uneven surfaces, adjust the skids as follows:

- Raise the front of the snow thrower by moving the skids down. This will help prevent rocks and other debris from being picked up and thrown by the auger.

NOTE: Be sure that snow thrower is set at same height on both sides.

TO ADJUST SCRAPER BAR

After considerable use, the metal scraper bar will have a definite wear pattern. The scraper bar in conjunction with the skids should always be adjusted to allow 1/8" between the scraper bar and the sidewalk or area to be cleaned. The scraper bar may have to be returned to its original lower setting to maintain the original performance level. To adjust:

- Position the snow thrower on a level surface.
- Make sure both tires are equally inflated.
- Loosen the carriage bolts and nuts securing the scraper bar to the auger housing.
- Adjust the scraper bar to the proper position.
- Tighten the carriage bolts and nuts, making sure that the scraper bar is parallel with the working surface.
- For extended operation, the scraper bar may be reversed. If the scraper bar must be replaced due to wear, remove the carriage bolts and nuts and install a new scraper bar.

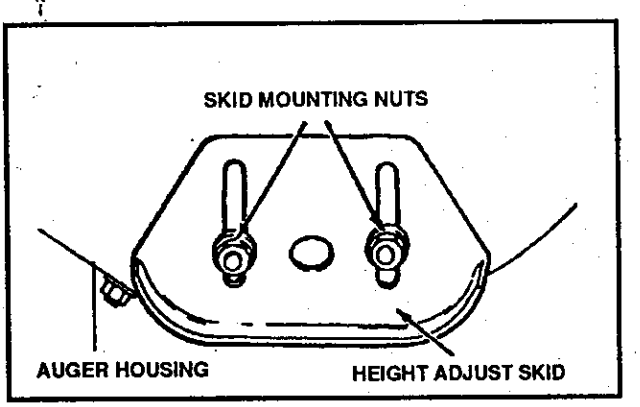


FIG. 20

CAUTION: BE CERTAIN TO MAINTAIN PROPER GROUND CLEARANCE FOR YOUR PARTICULAR AREA TO BE CLEARED. OBJECTS SUCH AS GRAVEL, ROCKS OR OTHER DEBRIS, IF STRUCK BY THE IMPELLER, MAY BE THROWN WITH SUFFICIENT FORCE TO CAUSE PERSONAL INJURY, PROPERTY DAMAGE OR DAMAGE TO THE SNOW THROWER.

TO ADJUST CHUTE CRANK ASSEMBLY

If you cannot rotate the chute crank fully to the left and to the right, you need to adjust the chute crank (See Fig. 21).

- Loosen both 1/2" nuts on the crank adjusting rod (using 3/4" wrenches).
- Rotate the adjusting rod in or out to allow about 1/8" clearance between the notch in the flange and the outer diameter of the worm.
- Once this clearance is set, tighten the nuts.

NOTE: Be sure the crank does not touch the side of the engine or the cover will be scratched.

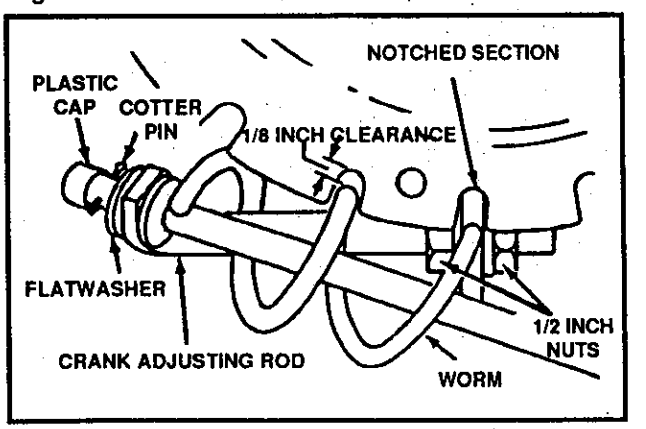


FIG. 21

SERVICE AND ADJUSTMENTS

TO ADJUST THE CLUTCH CONTROL CABLES

Periodic adjustment of the cables may be required due to normal stretch and wear on the belts. To check for correct adjustment, disconnect "Z" Fitting at clutch lever, move clutch lever to the full forward position, just contacting the plastic bumper. The control cables are correctly adjusted when the center of the "Z" fitting is between the center and top of the hole and there is no droop in the cable (See Fig. 22). If adjustment is necessary:

- Remove fuel from tank, and stand blower on end.
- Pull rubber boot off the top of the spring. Push the cable through the spring (See Fig. 23) to expose the threaded portion of the cable.
- Hold the square end of the threaded portion with pliers and adjust the locknut in or out until the excess slack is removed.
- Pull the cable back through the spring and connect the cable.
- Do the same for the other lever cable, if needed.

NOTE: Whenever the traction drive or auger belts are adjusted or replaced, the cables will need to be adjusted.

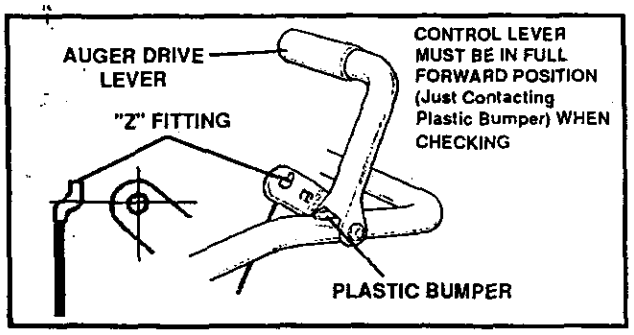

AUGER DRIVE LEVER
"Z" FITTING
CONTROL LEVER MUST BE IN FULL FORWARD POSITION (Just Contacting Plastic Bumper) WHEN CHECKING
PLASTIC BUMPER

FIG. 22

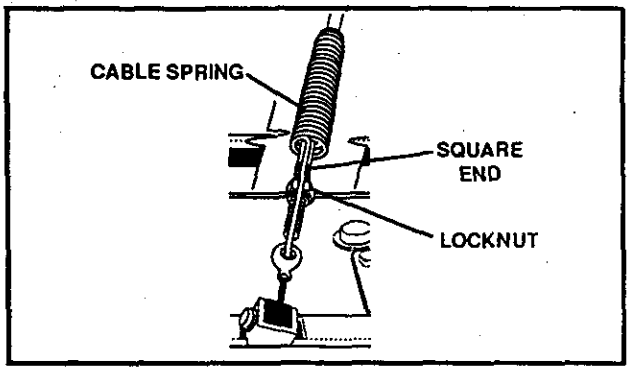


FIG. 23

TO ADJUST BELTS

Belts stretch during normal use. If you need to adjust the belts due to wear or stretch, proceed as follows:

AUGER DRIVE BELT (See Fig. 25)

If your snow thrower will not discharge snow, check the control cable adjustment. If it is correct, then check the condition of the auger drive belt. It may be loose or damaged. If it is damaged, replace it. See To Replace Belts paragraph on page 21. If the auger drive belt is loose, adjust as follows:

- Disconnect the spark plug wire.
- Remove the belt cover (See Fig. 26).
- Loosen the nut on the idler pulley (See Fig. 24) and move the pulley toward the belt about 1/8".
- Tighten the nut.
- Press the auger drive lever. Check the tension on the belt (opposite auger idler pulley). The belt should deflect about 1/2" with moderate pressure (See Fig. 24).

NOTE: You may have to move the auger idler pulley more than once to obtain the correct tension.

- Replace the belt cover.
- Check the clutch control cable adjustment.
- Reconnect the spark plug wire.

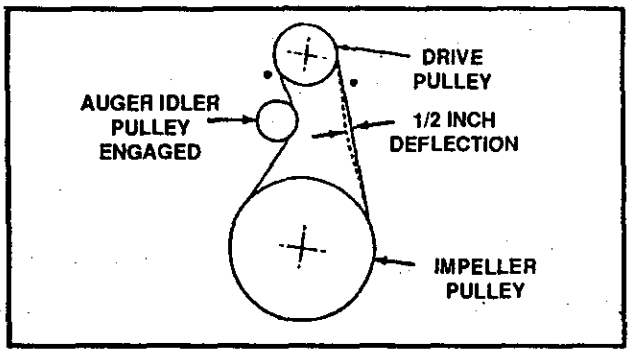


FIG. 24

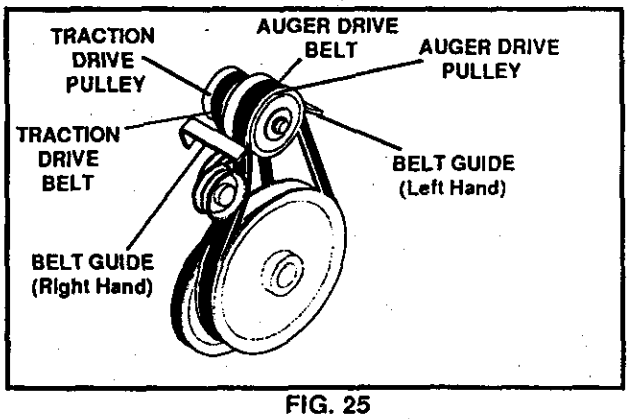


FIG. 25

TRACTION DRIVE BELT

The traction drive belt has constant spring pressure and does not require adjustment.

- Replace the traction drive belt if it is slipping (see To Replace Belts paragragh on page 21).

SERVICE AND ADJUSTMENTS

TO REPLACE BELTS

The drive belts on this snow thrower are of special construction and should be replaced with original equipment belts available from your nearest Sears Store or Service Center.

You will need the assistance of a second person while replacing the belts.

Drain the gasoline from the fuel tank by removing the fuel line at the carburetor. Drain the gas into a container and reinstall the fuel line.

CAUTION: DRAIN THE GASOLINE OUTDOORS, AWAY FROM FIRE OR FLAME.

AUGER DRIVE BELT

If your snow thrower will not discharge snow, and the auger drive belt is damaged, replace it as follows:

- Disconnect the spark plug wire.
- Remove the belt cover (See Fig. 26).
- Loosen the belt guides (See Fig. 27) and pull away from the engine drive pulley.
- Loosen nut on the idler pulley (See Fig. 27) and pull idler pulley away from the belt.
- Remove belt from engine drive pulley.
- Remove top two bolts that secure auger housing to motor mount frame. Loosen bottom two bolts. Auger housing and motor mount frame will separate, hinged by bottom two bolts. (See Fig. 29).
- Remove brake arm from housing. Do not remove spring.
- Remove old belt from the auger drive pulley.
- Position new belt on auger pulley.
- Reinstall brake arm into housing. Ensure brake arm is fully inserted into housing and brake pad is riding in pulley groove.
- Replace top two bolts, and re-tighten bottom two bolts.
- Adjust the drive belt (see To Adjust Auger Drive Belt paragraph on page 20).
- Adjust the belt guides (see To Adjust The Belt Guides paragraph on page 22).
- Reinstall the belt cover.
- Reconnect the spark plug wire.

TRACTION DRIVE BELT (See Fig. 27)

If your snow thrower will not move forward, check the traction drive belt for wear. (Check other causes also in the Trouble Shooting Points section.) If the traction drive belt needs to be replaced, proceed as follows:

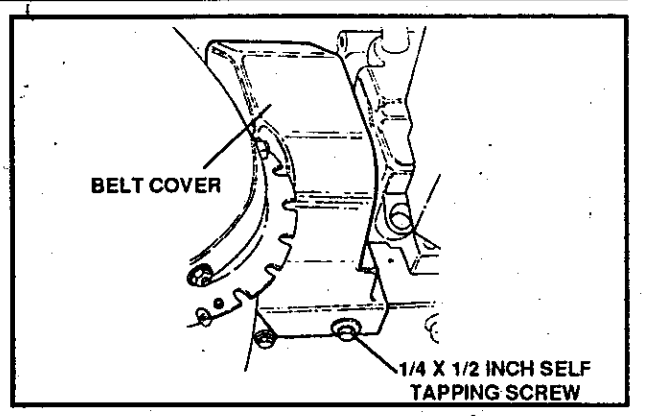


FIG. 26

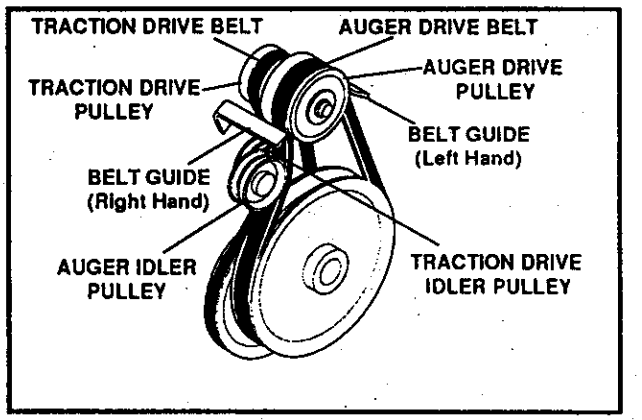


FIG. 27

- Disconnect the spark plug wire.
- Remove the belt cover.
- Loosen the belt guides and pull away from engine drive pulley.
- Loosen nut on auger idler and pull auger idler pulley away from belt. **Note location of idler pulley for later re-installation.**
- Remove auger drive belt from engine pulley.
- Pull the drive belt idler pulley away from the drive belt.
- Remove the drive belt.
- Position new drive belt onto traction pulley.
- Pull idler pulley away from belt, allowing belt to be positioned onto engine pulley.
- Release idler pulley. Ensure idler pulley is properly engaged with belt.
- Reinstall auger drive belt.
- Adjust the belt guides and tighten mounting screws (see To Adjust The Belt Guides paragraph on page 22).
- Adjust idler on auger belt.
- Reinstall the belt cover.
- Reconnect the spark plug wire.

SERVICE AND ADJUSTMENTS

TO ADJUST THE BELT GUIDES

There are two belt guides on your snow thrower, a left and right. After you replace the traction drive belt, you need to adjust one or both of the belt guides. Proceed as follows for each belt:

- Disconnect the spark plug wire.
- Remove the belt cover (See Fig. 26).
- Engage the auger drive clutch lever.
- Measure the distance between the belt guides and the belt (See Fig. 28). The distance should be 3/32" for each guide.
- If adjustment is necessary, loosen the belt guide mounting bolts. Move the belt guides to the correct position. Tighten the mounting bolts.
- Reinstall the belt cover.
- Reconnect the spark plug wire.

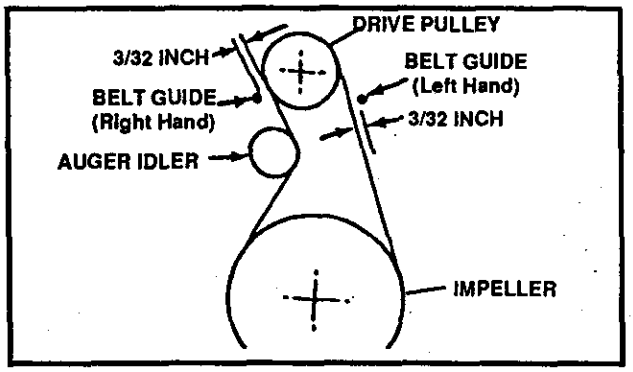


FIG. 28

TO ADJUST THE FRICTION WHEEL

If the snow thrower will not move forward, you need to check the traction drive belt, the traction drive cable or the friction wheel. If the friction wheel is damaged, it will need to be replaced. See the To Replace Friction Wheel paragraph on page 23. If the friction wheel is not worn, check the adjustment, as follows:

- Disconnect the spark plug wire.
- Drain the gasoline from the gas tank.
- Stand snow thrower on the auger housing end.
- Remove the bottom panel (See Fig. 29).
- Position the shifter lever in first (1) gear.
- Note the position of the friction wheel on the disc drive plate. The right outer side of the disc drive plate should be 3" from the center of the friction wheel (See Fig. 29A).

If adjustment is necessary:

- Loosen bolts in speed selector lever (See Fig. 29B).

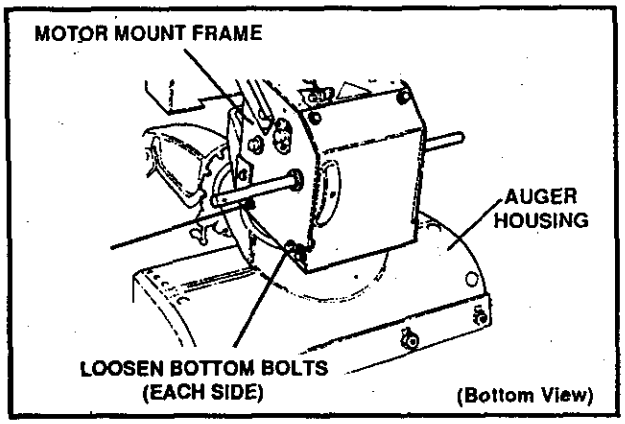


FIG. 29

- Move friction wheel to proper position as indicated in previous step (Fig. 29A).
- Re-tighten bolts in speed selector lever.
- Reinstall the bottom panel.

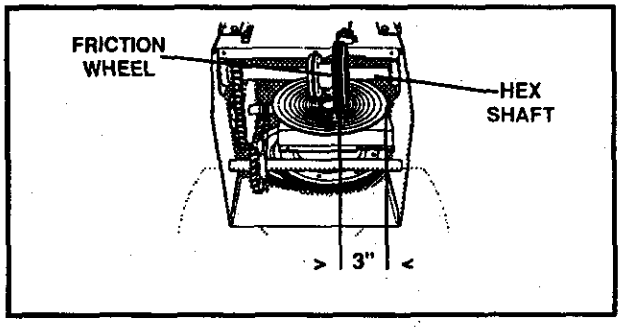


FIG. 29A

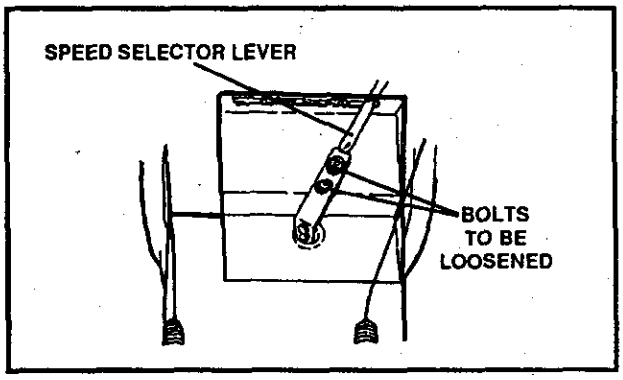


FIG. 29B

SERVICE AND ADJUSTMENTS

TO REPLACE FRICTION WHEEL

If the snow thrower will not move forward, and the friction wheel is worn or damaged, you need to replace it as follows: **(First allow the engine to cool.)**

CAUTION: DRAIN GASOLINE OUTDOORS AWAY FROM FIRE OR FLAME.

- Drain the gasoline from the fuel tank by removing the fuel line at the carburetor. Drain the fuel in a container and reinstall the fuel line.
- Disconnect the spark plug wire.
- Stand the snow thrower up on the auger housing end.
- Remove the bottom panel (See Fig. 30).
- Remove the three (3) fasteners securing the friction wheel to the hub (See Fig. 31).
- Remove the four bolts securing the bearing plates (both sides). (See Fig. 32).
- Remove right side bearing plate. Leave hex shaft in original position.
- Remove friction wheel from hub. Slip friction wheel off hex shaft towards right side.
- Slip new friction wheel onto hub with recessed or cupped end away from hub. (See Fig. 31).
- Install bearing plates to original position. Ensure hex shaft is engaged with both bearing plates.
- Secure bearing plates, using bolts removed earlier.
- Secure friction wheel to hub using fasteners removed earlier. Ensure hex shaft turns freely.

NOTE: Ensure friction wheel and friction disc are free from grease or oil.

- Replace bottom panel.
- Lower the snow thrower onto the tires.

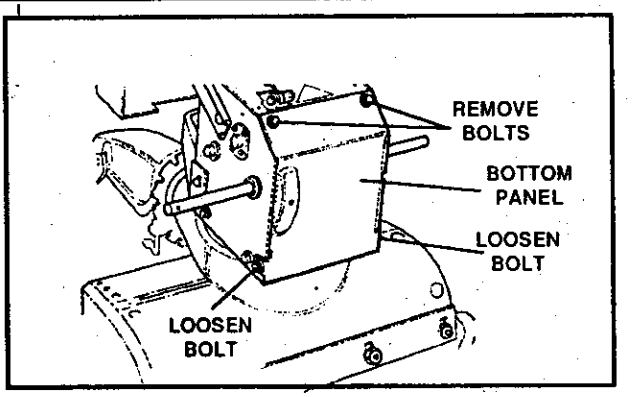


FIG. 30

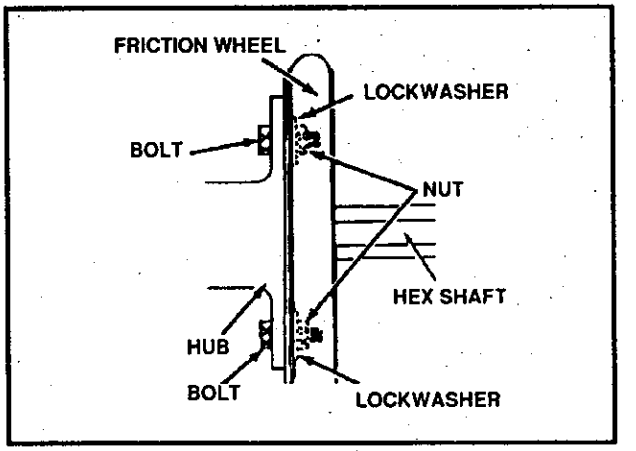


FIG. 31

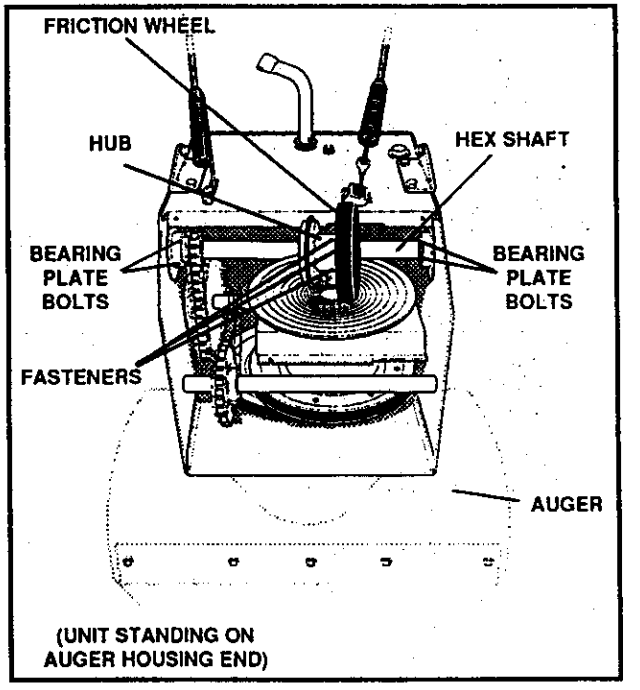


FIG. 32

SERVICE AND ADJUSTMENTS

TO REPLACE AUGER SHEAR BOLT

The augers are secured to the auger shaft with special bolts (See Fig. 33) that are designed to break (to protect the machine) if an object becomes lodged in the auger housing. Use of a harder bolt will destroy the protection provided by the shear bolt.

IMPORTANT: TO INSURE SAFETY AND PERFORMANCE LEVELS, ONLY ORIGINAL EQUIPMENT SHEAR BOLTS SHOULD BE USED. WHEN REPLACING SHEAR BOLTS, BE SURE TO REPLACE SHEAR BOLT SPACERS.

- To replace a broken shear bolt, proceed as follows:
- Move the throttle to STOP and turn off all controls.
- Disconnect the spark plug wire. Be sure all moving parts have stopped.
- Lubricate the auger shaft zerk fitting (see the Customer Responsibilities section on pages 16-18).
- Align the hole in the auger with the hole in the auger shaft. Install the new shear bolt and shear bolt spacer provided.
- Reconnect the spark plug wire.

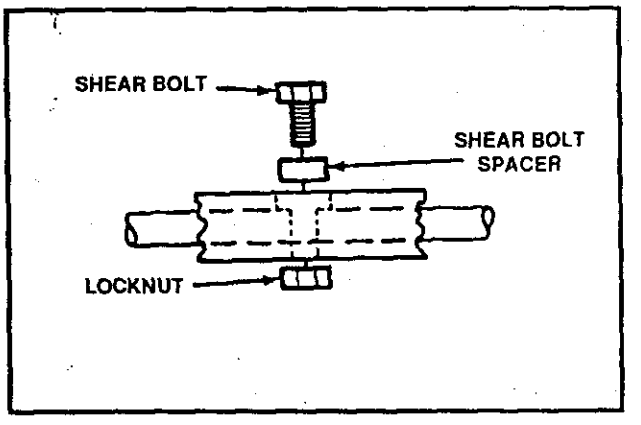


FIG. 33

TO ADJUST CARBURETOR

The carburetor (See Fig. 34 and Fig. 36, Page 26) has been pre-set at the factory and readjustment should not be necessary. However, if the carburetor does need to be adjusted, proceed as follows:

- Close the high speed adjusting screw by hand.
- Do not over-tighten.
- Then open it 1-1/4 to 1-1/2 turns.
- Close the idle adjusting screw by hand. Do not over-tighten.
- Then open it 1-1/4 to 1-1/2 turns.
- Start the engine and let it warm up.
- Set the throttle control to RUN. Adjust the high speed adjusting screw **in** until the engine speed or sound alters. Adjust the screw **out** until the engine speed sound alters. Note the difference between the two limits and set the screw in the middle of the range.
- Let the engine run undisturbed for 30 seconds after each setting to allow the engine to react to the previous adjustment.
- Set the throttle control to SLOW. Adjust the idle adjusting screw **in** until the engine speed drops, then adjust the screw **out** until the engine speed drops. Note the difference between the two limits and set the screw in the middle of the range.

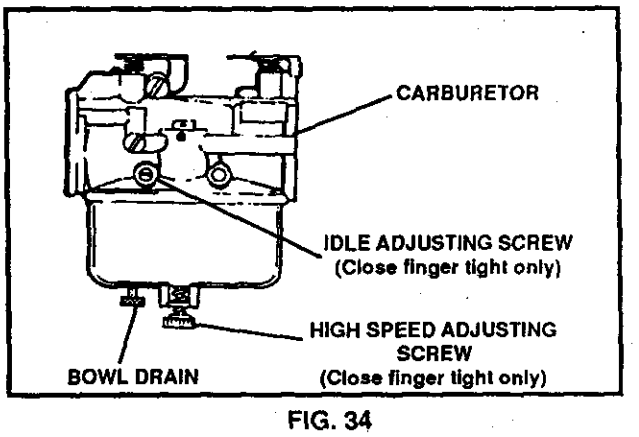


FIG. 34

- If the engine tends to stall under load or does not accelerate from low speed to high speed properly, adjust the high speed screw out in 1/8 turn increments until the problem is resolved. Let the engine run for 30 seconds between settings.

IMPORTANT: NEVER TAMPER WITH THE ENGINE GOVERNOR, WHICH IS FACTORY SET FOR PROPER ENGINE SPEED. OVERSPEEDING THE ENGINE ABOVE THE FACTORY HIGH SPEED SETTING CAN BE DANGEROUS. IF YOU THINK THE ENGINE - GOVERNED HIGH SPEED NEEDS ADJUSTING, CONTACT YOUR NEAREST SEARS SERVICE CENTER, WHICH HAS THE PROPER EQUIPMENT AND EXPERIENCE TO MAKE ANY NECESSARY ADJUSTMENTS.

SERVICE AND ADJUSTMENTS

TO ADJUST OR REPLACE THE SPARK PLUG

If you have difficulty starting your snow thrower, you may need to adjust or replace the spark plug. Follow the instructions below.

Replace the spark plug if the electrodes are pitted or burned or if the porcelain is cracked.

TO ADJUST:

- Clean the spark plug by carefully scraping the electrodes (do not sand blast or use a wire brush).
- Be sure the spark plug is clean and free of foreign material. Check the electrodes gap (See Fig. 35) with a wire feeler gauge and reset the gap to .030 inch if necessary.

TO REPLACE:

- If you need a new spark plug, use only the proper replacement spark plug (See page 4).
- Set the gap to .030.

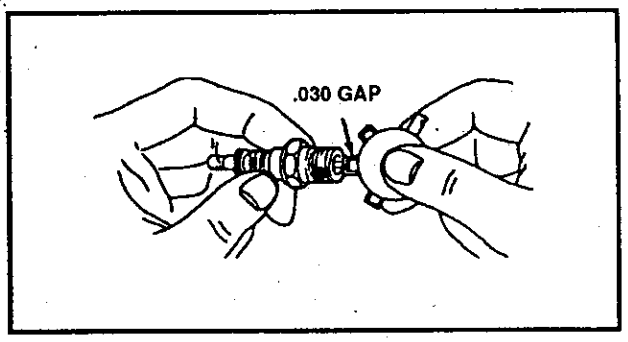


FIG. 35

- Before installing the spark plug, coat its threads lightly with oil or grease to insure easy removal.
- Tighten the plug firmly into the engine.
- If a torque wrench is available, torque the plug to 18 to 23 ft. - lbs.

STORAGE

CAUTION: NEVER STORE YOUR SNOW THROWER INDOORS OR IN AN ENCLOSED, POORLY VENTILATED AREA IF GASOLINE REMAINS IN THE TANK. FUMES MAY REACH AN OPEN FLAME, SPARK OR PILOT LIGHT FROM A FURNACE, WATER HEATER, CLOTHES DRYER, CIGARETTE, ETC.

To prevent engine damage (if snow thrower is not used for more than 30 days) follow the steps below.

SNOW THROWER STORAGE

- Thoroughly clean the snow thrower.
- Lubricate all lubrication points (see the Customer Responsibilities section on pages 16-18).
- Be sure that all nuts, bolts and screws are securely fastened. Inspect all visible moving parts for damage, breakage and wear. Replace if necessary.
- Touch up all rusted or chipped paint surfaces; sand lightly before painting.
- Cover the bare metal parts of the blower housing auger and the impeller with rust preventative, such as a spray lubricant.

NOTE: A yearly checkup or tune-up by a SEARS Service Center is a good way to insure that your snow thrower will provide maximum performance for the next season.

ENGINE STORAGE

Gasoline must be removed or treated to prevent gum deposits from forming in the tank, filter, hose, and carburetor during storage. Also during storage, alcohol blended gasoline that uses ethanol or methanol (sometimes called gasohol) attracts water. It acts on the gasoline to form acids which damage the engine.

- To remove gasoline, run the engine until the tank is empty and the engine stops. Then drain remaining gasoline from carburetor by pressing upward on bowl drain located on the bottom of carburetor. (See Fig. 36).
- If you do not want to remove gasoline, a fuel stabilizer (such as Craftsman Fuel Stabilizer No. 33500) may be added to any gasoline left in the tank to minimize gum deposits and acids. If the tank is almost empty, mix stabilizer with fresh gasoline in a separate container and add some to the tank.

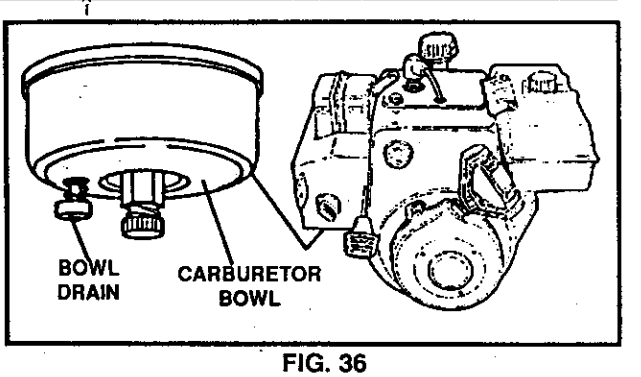


FIG. 36

ALWAYS FOLLOW INSTRUCTIONS ON STABILIZER CONTAINER. THEN RUN ENGINE AT LEAST 10 MINUTES AFTER STABILIZER IS ADDED TO ALLOW MIXTURE TO REACH CARBURETOR. STORE SNOW THROWER IN A SAFE PLACE. SEE WARNING ABOVE.

You can keep your engine in good operating condition during storage by:

- Changing oil (See page 18).
- Lubricating the piston/cylinder area. This can be done by first removing the spark plug and squirting a few drops of clean engine oil into the spark plug hole. Then cover the spark plug hole with a rag to absorb oil spray. Next, rotate the engine by pulling the starter rope fully out two or three times. Finally, reinstall spark plug and attach spark plug wire.

OTHER

- If possible, store your snow thrower indoors and cover it to give protection from dust and dirt.
- If the machine must be stored outdoors, block up the snow thrower to be sure the entire machine is off the ground.
- Cover the snow thrower with a suitable protective cover that does not retain moisture. Do not use plastic or vinyl.
- Start the engine and run at SLOW (idle) speed until the engine stops from lack of fuel.

IMPORTANT: NEVER COVER SNOW THROWER WHILE ENGINE AND EXHAUST AREAS ARE STILL WARM.

TROUBLE SHOOTING POINTS

TROUBLE	CAUSE	CORRECTION
Difficult starting	Defective spark plug Water or dirt in fuel system	Replace defective plug. Use carburetor bowl drain to flush and refill with fresh fuel.
Engine runs erratically	Blocked fuel line or low on fuel	Clean fuel line; check fuel supply; add fresh fuel (gasoline/oil mixture if 2 cycle engine).
Engine stalls	Unit running on CHOKE	Move choke lever to OFF position.
Engine runs erratically; Loss of power	Water or dirt in fuel system	Use carburetor bowl drain to flush and refill with fresh fuel.
	Carburetor out of adjustment	Adjust carburetor.
Excessive vibration	Loose parts; damaged impeller	Stop engine immediately and disconnect spark plug wire. Tighten all bolts and make all necessary repairs. If vibration continues, have the unit serviced by a competent repairman.
Unit fails to propel itself	Drive belt loose or damaged	Replace drive belt.
	Incorrect adjustment of traction drive cable	Adjust traction drive cable.
	Worn or damaged friction wheel	Replace friction wheel.
Unit fails to discharge snow	Auger drive belt loose or damaged	Adjust auger drive belt; replace if damaged.
	Auger control cable not adjusted correctly	Adjust auger control cable.
	Shear bolt broken	Replace shear bolt.
	Discharge chute clogged	Stop engine immediately and disconnect spark plug wire. Clean discharge chute and inside of auger housing.
	Foreign object lodged in auger	Stop engine immediately and disconnect spark plug wire. Remove object from auger.
Headlight does not work	Loose wire connection	Tighten connection.
	Bulb burned out	Replace headlight bulb.

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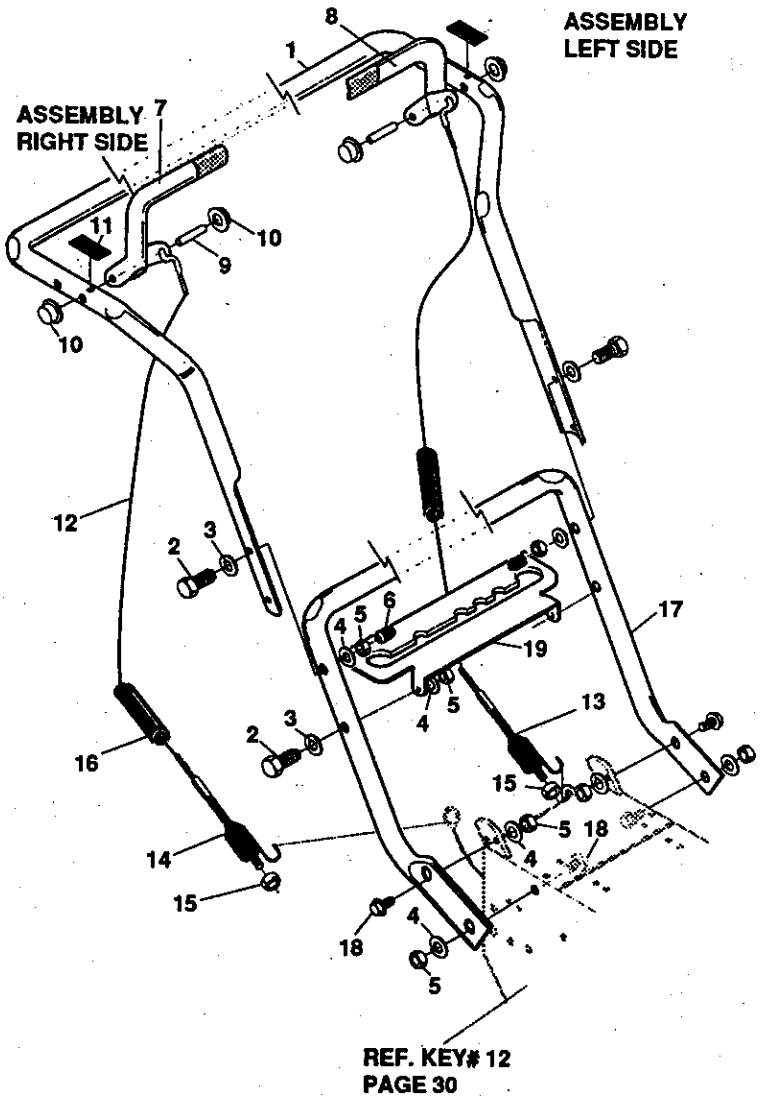
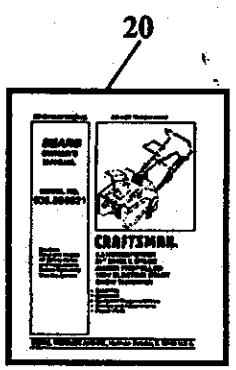
HANDLE ASSEMBLY REPAIR PARTS





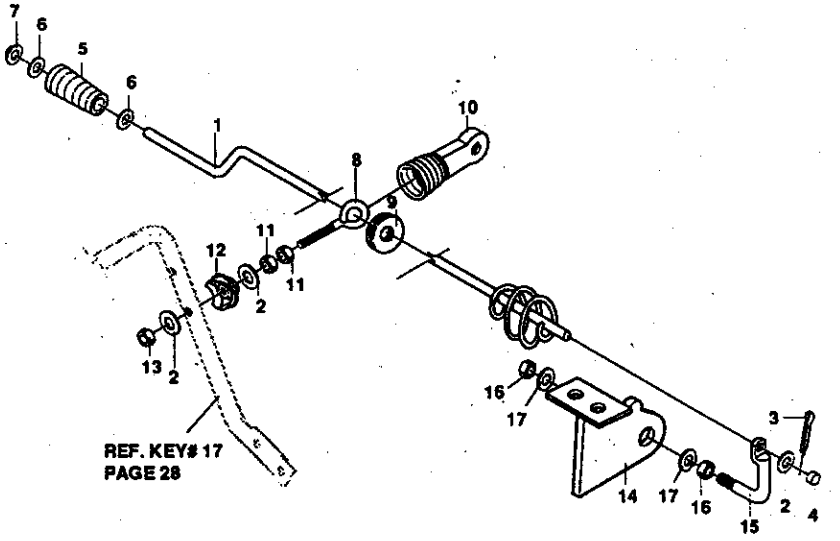
KEY#	PART#	DESCRIPTION
1	321835-830	HANDLE, UPPER, W/LIGHT HOLE
2	302900	SCREW, 5/16-18 x 1.75 HHC
3	120393	FLATWASHER, .349 x .69 x .066
4	120638	WASHER, SPTLK .31 x .58 x .08
5	120376	NUT, 5/16-18 REGHEX
6	11261	STOP, RED PLASTIC 5/16
7	301386-830	HANDLE, RH ASSEMBLY
8	301387-830	HANDLE, LH ASSEMBLY
9	1058	PIN, CLUTCH HDLE OS
10	3535	NUT, PUSH ON CAP .312 OD

KEY#	PART#	DESCRIPTION
11	4049	BUMPER, RECT W/FLAT TOP BLK
12	1579	CABLE, CLUTCH, 28.44L
13	579869	SPRING, TENSION .58 x 5.83 x .1055
14	1673	SPRING, AUGER CLUTCH, .120 DIA
15	1502	NUT, 1/4-20 HEXNYL
16	308146	BOOT, CLUTCH SPRING
17	580667-830	HANDLE, LWR 16GA x 1.00
18	180077	SCREW, 5/16-18 x .75 HHC
19	580639-854	BRACKET, SHIFT PATTERN
20	334220	OWNER'S MANUAL

319688 E

CRAFTSMAN 26" SNOW THROWER 536.886621

CHUTE CONTROL ROD REPAIR PARTS

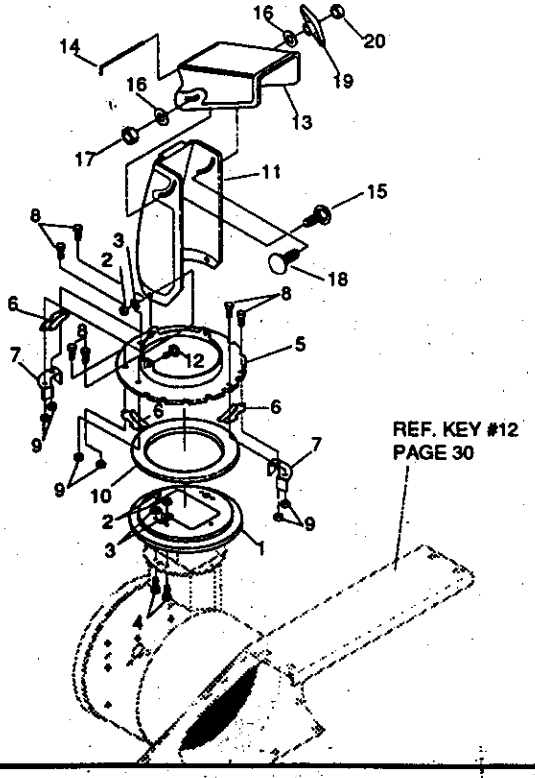


KEY#	PART#	DESCRIPTION
1	325607	CRANK, ASSY CHUTE 35.5, LF
2	120394	WASHER, FLAT .406 x .81 x .06
3	121224	PIN, COTTER .094 DIA x 1.00 LG
4	104	CAP, PLASTIC, 3/8 ID
5	307399	HANDLE, CHUTE CRANK, BLACK
6	309312	WASHER, FLAT .39 x .70 x .05
7	578159	RING, RET E .375 x .04TRU5115-37
8	71457	BOLT, EYE 3/8-16 x 5.00 .63 ID

KEY#	PART#	DESCRIPTION
9	148	GROMMET, EYE BOLT .40 ID x .435
10	308145	BOOT, EYEBOLT CHUTE CRANK
11	124829	NUT, 3/8-16 HEXJAM
12	309344	ADAPTER, BOOT TO HANDLE
13	71046	NUT, 3/8-16 HEXNYL
14	585383-839	PLATE ASSEMBLY
15	7055	ROD, CHUTE CONT 420T
16	7058	NUT, 1/2-20 HXJAM
17	120384	WASHER, REGSPTLK.523 x .87 x .14

334221 B

DISCHARGE CHUTE REPAIR PARTS



KEY#	PART#	DESCRIPTION
1	585246	COLLAR, CHUTE ADAPT
2	1502	NUT, 1/4-20 REGHEXCTRLK
3	120392	WASHER, FLAT
4	180020	SCREW, 1/4-20X .75
5	302244	FLANGE, CHUTE
6	302172	CLIP, LWR CHUTE RING 6"
7	310860	STOP, CHUTE LONG
8	71032	SCREW, #8-32X .50
9	71058	NUT, #8-32 HEXCTRLK
10	302275	RING, FLANGED CH ROT PLAS
11	585414	CHUTE, LWR SRS
12	180016	SCREW, 1/4-20X .50
13	307665	CHUTE, UPPER
14	308931	WIRE, HINGE
15	58208	SCREW, 5/16-18X.75
16	302680	WASHER, FLAT
17	1498	NUT, 5/16-18
18	302843	BOLT, 5/16-18X1.25 CARR
16	302680	WASHER, FLAT
19	13527	KNOB, T-W/516/18 NUT
20	120376	NUT, 5/16-18

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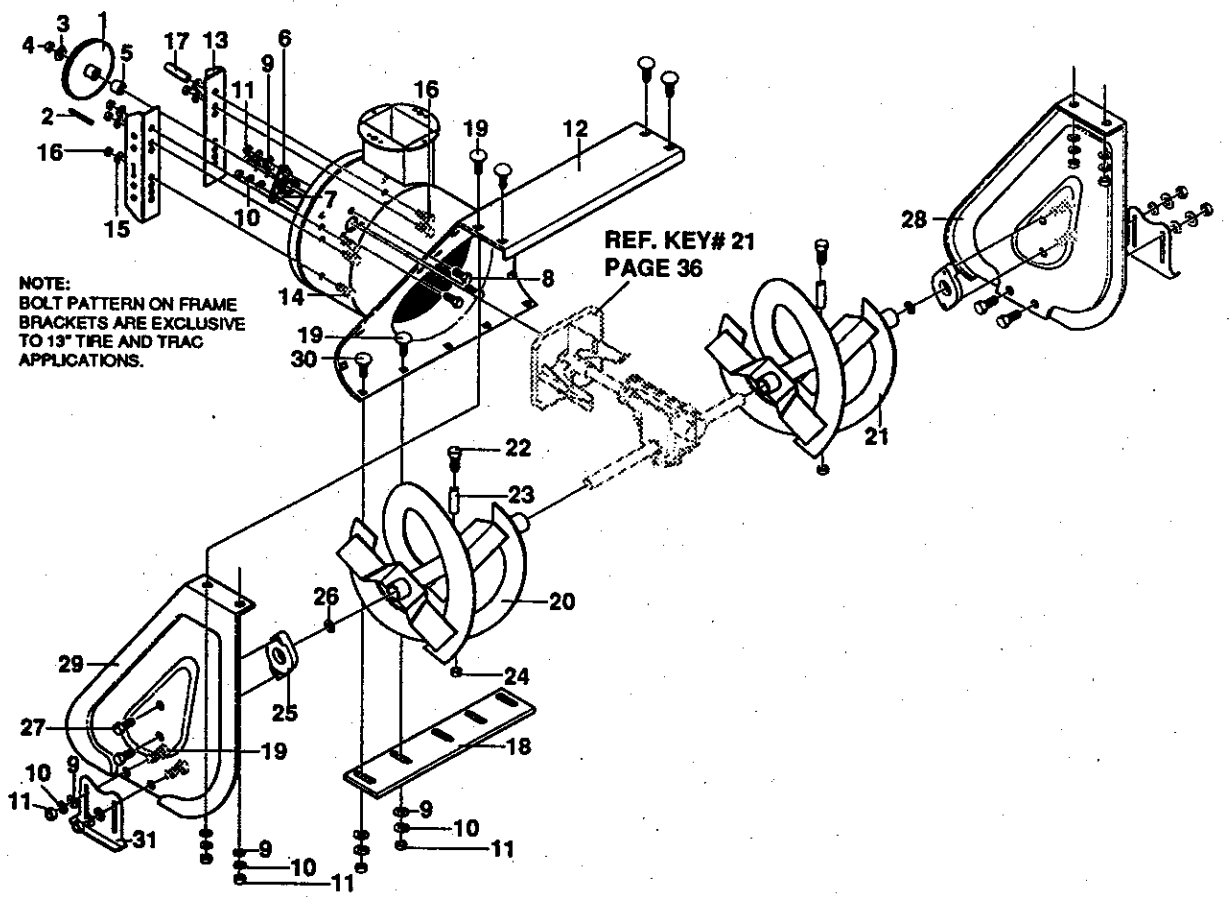
CRAFTSMAN 26" SNOW THROWER 536.886621

AUGER HOUSING ASSEMBLY REPAIR PARTS



KEY#	PART#	DESCRIPTION
1	583127	PULLEY, V4L 6.50 OD
2	71371	KEY, SQUARE .18SQ x .88LG
3	71074	FLATWASHER, .53 x 1.00 x .063
4	274654	NUT, 1/2-20 REGHXCTRLK
5	583161	SPACER, SLEEVE .676 x 1.00 x .751
6	582960	RETAINER, BALL
7	49562	BEARING, BALL 6203-2AA(SEALS)
8	180077	SCREW, 5/16-18 x .75 HHC
9	120393	FLATWASHER, .349 x .69 x.066
10	120638	WASHER, SPTLK .31 x.58 x .08
11	120376	NUT, 5/16-18 REGHEX
12	333906-854	HOUSING, ASSY AUG
13	585526	BRACKEKTS & NUTS ASSEMBLY
14	122119	SCREW, 3/8-16 x .75
15	120382	WASHER, .393 x .68 x .10
16	1499	NUT, 3/8-16

KEY#	PART#	DESCRIPTION
17	584809	HUB, BRAKE ARM
18	301108-830	BLADE, SCRAPER
19	70993	BOLT, 5/16-18 x .75 CARRLN
20	302091-830	AUGER ASSEMBLY, LH
21	302090-830	AUGER ASSEMBLY, RH
22	9524	SCREW, 1/4-20 x 1.75 HHCFT
23	3943	SPACER, SLEV .250 x .47x .20
24	1502	NUT, 1/4-20 REGHEXCTRLK
25	313873	BEARING, AUGER SHAFT 1"ID
26	73755	FLATWASHER, 1.005 x 1.31x .035
27	35498	SCREW, 5/16-18 x .75WAHHTAP
28	308070-854	PLATE, AUGER HOUSING, LH
29	308071-854	PLATE, AUGER HOUSING, RH
30	126358	BOLT, 5/16-18 x 1.00
31	50643-830	SKID, HEIGHT ADJUST

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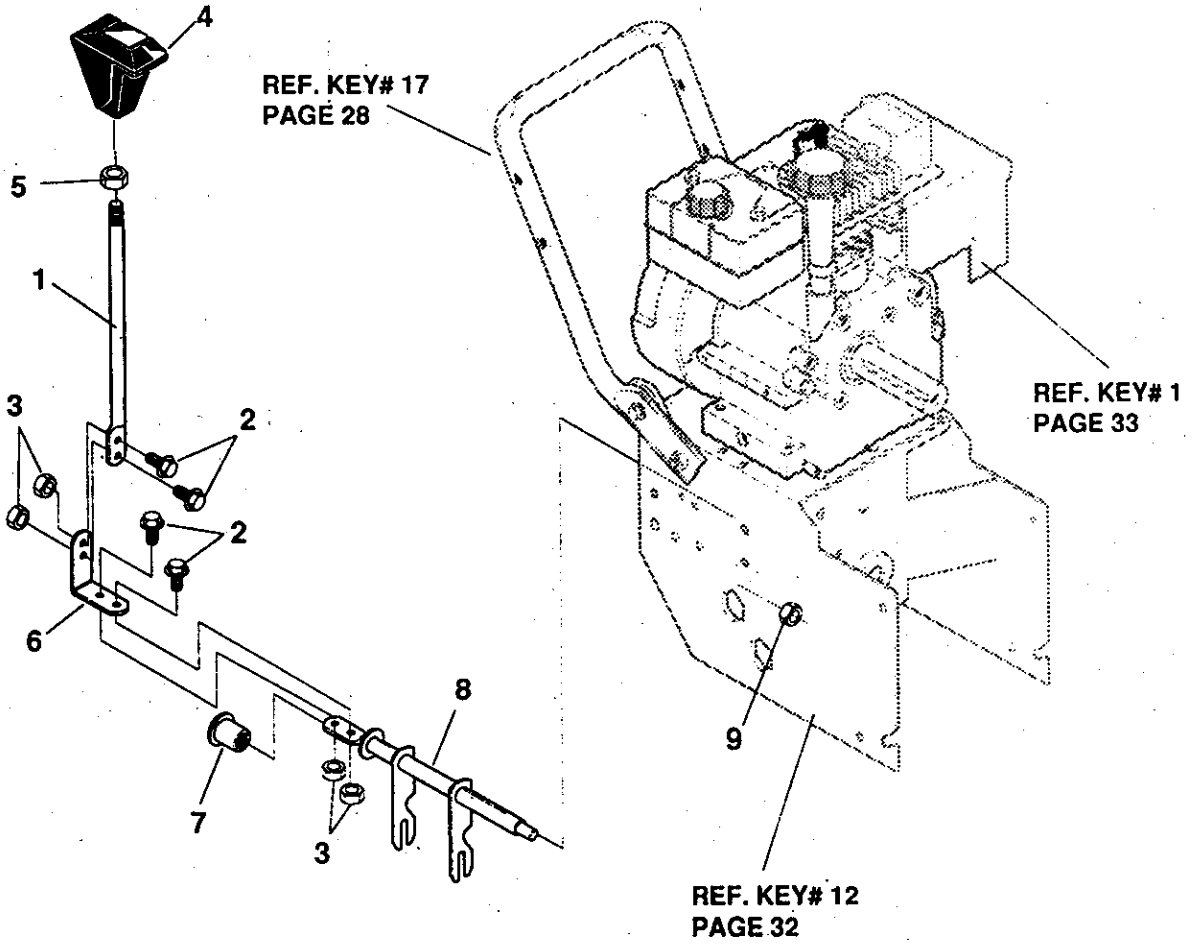
CRAFTSMAN 26" SNOW THROWER 536.886621

SHIFT YOKE REPAIR PARTS



KEY#	PART#	DESCRIPTION
1	581631-830	ROD, SHIFT SELECTOR
2	51332	SCREW, 1/4-20 x .63 WDFLLK
3	1502	NUT, 1/4-20 REGHEXCTRLK
4	304438	KNOB, SHIFT 1/2-13
5	318486	NUT, 1/2-13 HEXJAM
6	581630	LEVER, SPRG SFT
7	579944	BEARING, FL .500ID x .88 OD x .31
8	327065	ROD, ASSEMBLY SPD SEL
9	1499	NUT, 3/8-16 HEXCTRLK

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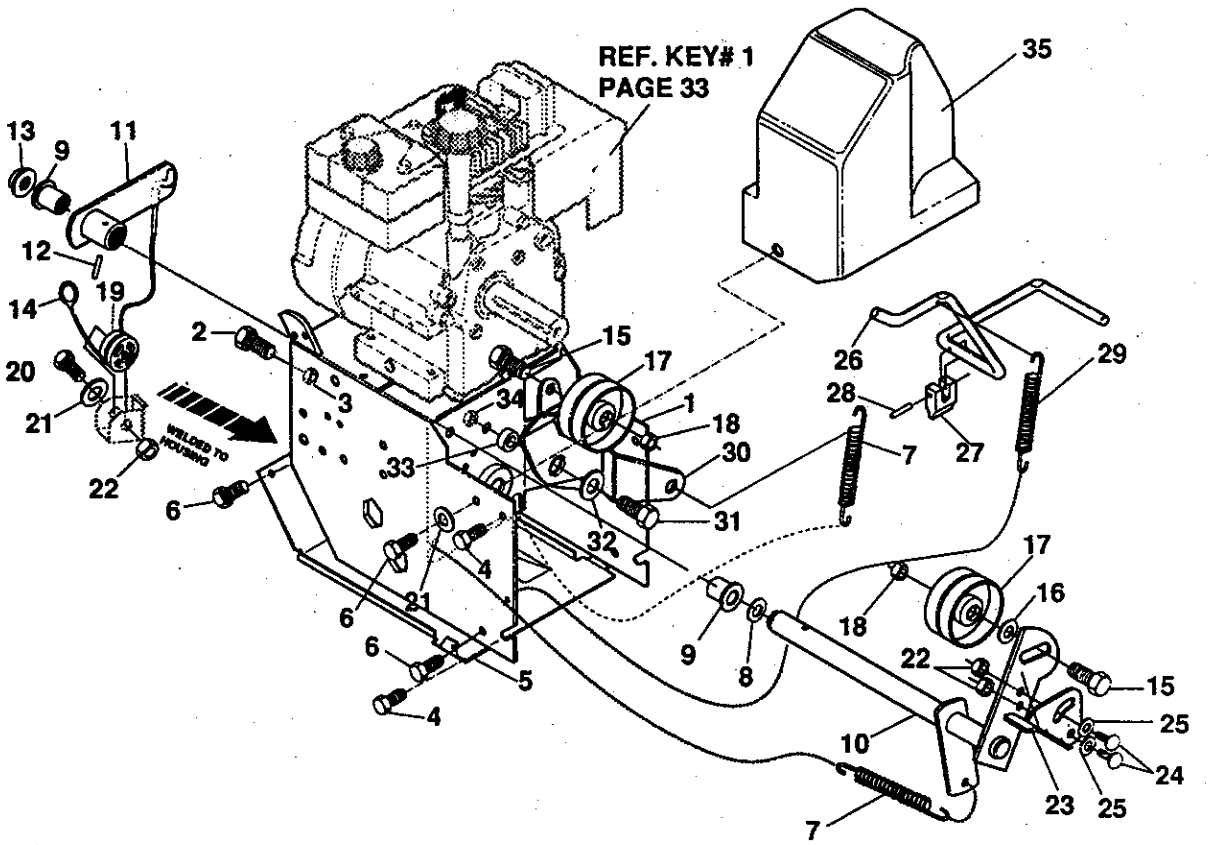
CRAFTSMAN 26" SNOW THROWER 536.886621

FRAME COMPONENTS REPAIR PARTS



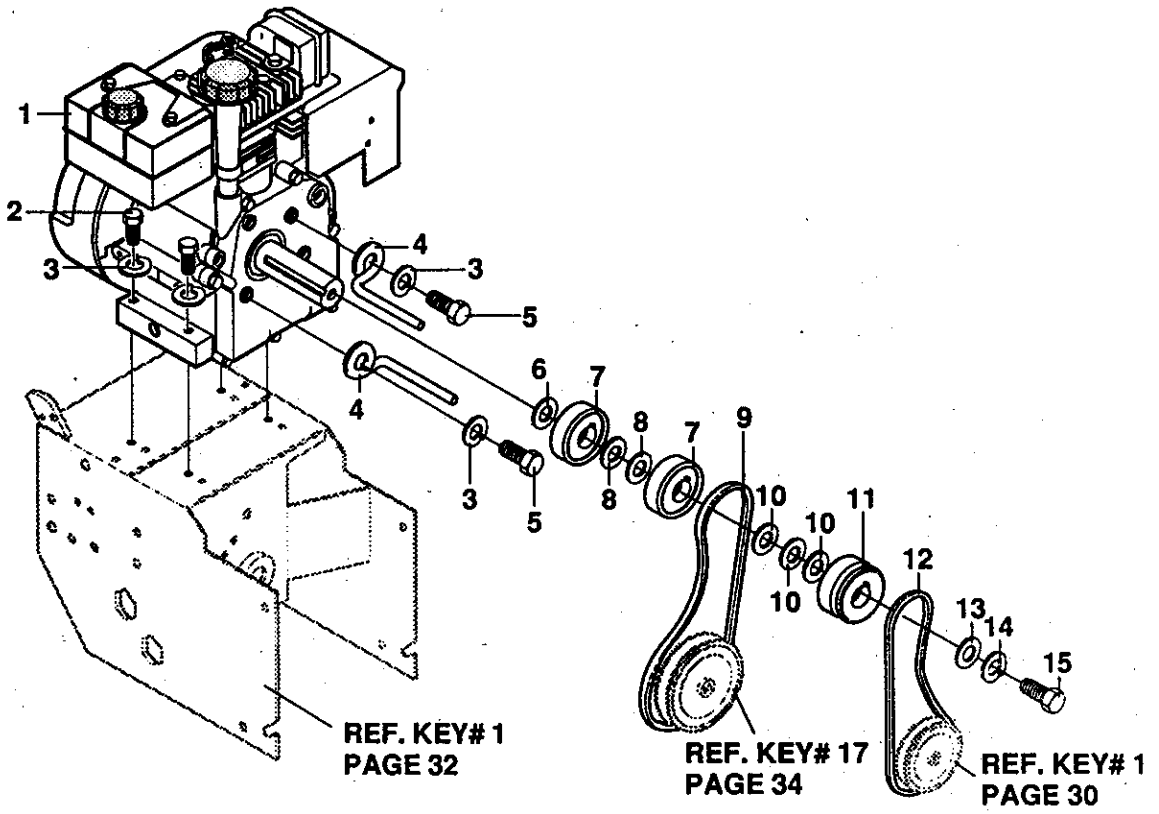
KEY#	PART#	DESCRIPTION
1	334133-854	FRAME, ASSY ENG MT MID 92
2	910828	SCREW, 5/16-24 x 1.00 HHC
3	71100	NUT, 5/16-24 HEXWDFLLK
4	35497	SCREW, 5/16-18 x.50WAHHTAP
5	583031-830	COVER, BOTTOM W-1/T-2,3
6	310169	SCREW, 1/4-20 x .63 WAHHTAP
7	313854	SPRING, IDLER TRACTION DRIVE
8	71074	FLATWASHER, .53 x 1.00 x .063
9	313853	BRNG, FLANGE
10	580889	SHAFT AUG CLUTCH, ASSY
11	579874	LEVER, ASSY AUGER CLUTCH CBL
12	73801	PIN, SPRING.165 DIA x .88LG HD
13	53697	NUT, PUSH ON 1/2"
14	579856	CABLE, .205 EYE 6.125 LG
15	45892	SCREW, 3/8-16 x 1.25 HHC
16	120394	FLATWASHER, .406 x .81x .066
17	313843	PULLEY, IDLER BFF 1.88 x .75
18	41529	NUT, 3/8-16 CTRLKJAM 2WAY

KEY#	PART#	DESCRIPTION
19	579860	SPOOL, CABLE AUGER CLUTCH
20	121940	SCREW, 1/4-20 x 1.75 HHCFT
21	120392	FLATWASHER, .286 x .63 x .065
22	1502	1/4-20 HEXNYL
23	580944	CAM, BRAKE ARM
24	36602	BOLT, 1/4-20 x .63 CARR
25	120393	FLATWASHER, .344 x .69 x .065
26	585419	ROD, BRAKE ARM (MID)
27	581540	PAD, AUGER/IMPELLER BRAKE
28	73801	PIN, SPRING.165DIA x .88LG HD
29	318468	SPRING, TENSION RETURN (7030)
30	579872	LEVER, IDLER ARM TRACTION
31	180077	SCREW, 5/16-18 x .75 HHC
32	73795	FLATWASHER, .328 x 1.38 x .075
33	579865	BUSHING, IDLER LEVER
34	71038	NUT, 5/16-18 HEXNYL
35	580772	COVER, BELT COM/MIDPLAS

313993 F

CRAFTSMAN 26" SNOW THROWER 536.886621

ENGINE COMPONENTS REPAIR PARTS

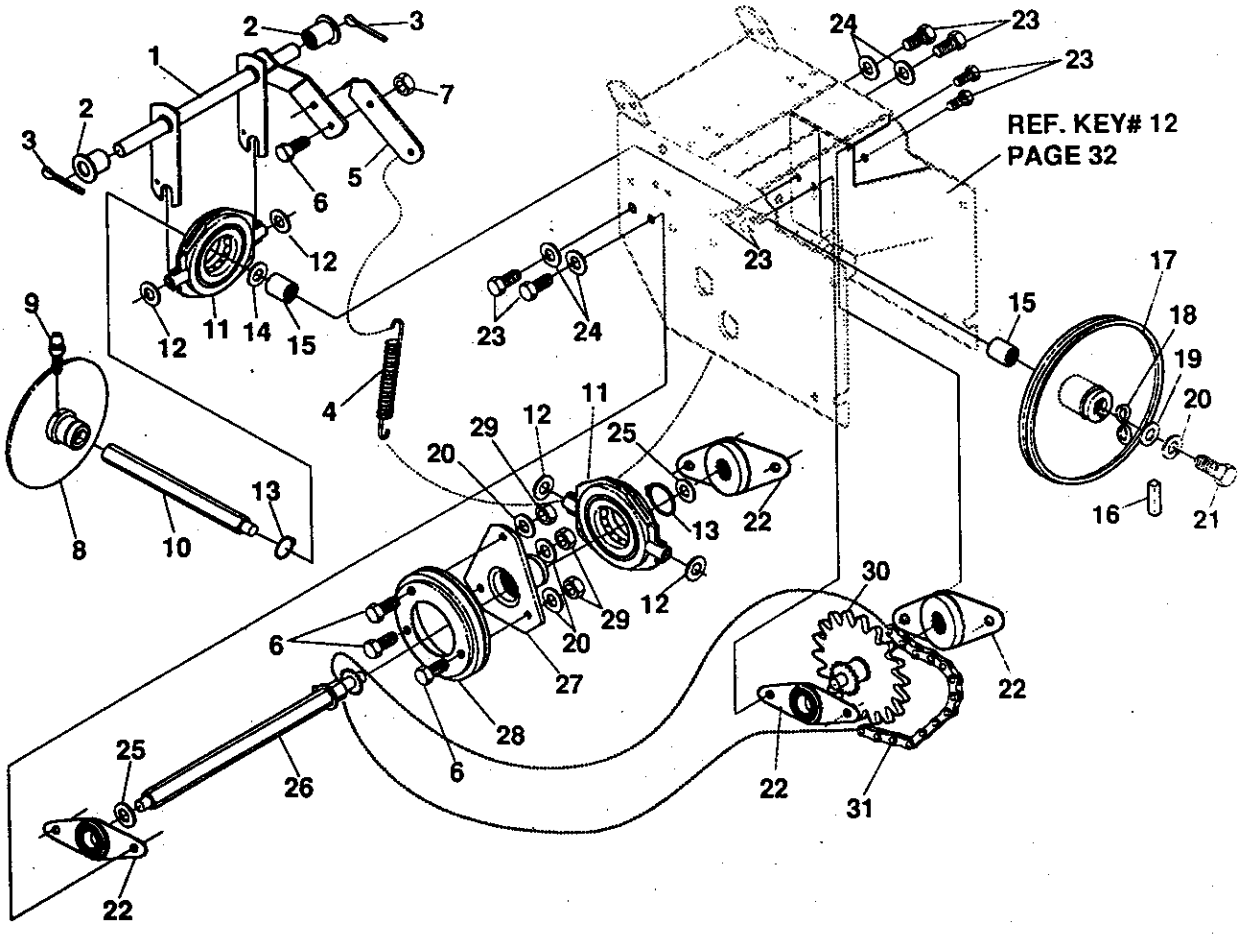


KEY#	PART#	DESCRIPTION
1	^	T8HP 4CYL SRS
2	302636	SCREW, 5/16-18 x 1.25 HHC
3	120638	WASHER, SPTLK .31 x .58 x .08
4	3949	GUIDE, ROD BELT RH SF 8HP
5	578733	SCREW, 5/16-24 x .625HHC
6	579855	WASHER, CRANKSHAFT
7	579854	PULLEY, HALF V3L 2.00 x .752ID
8	579861	WASHER, FLAT .752 x .91 x .02
9	579932	BELT, V 3L 33.13LG
10	73840	FLATWASHER, .765 x 1.12 x .06
11	313857	PULLEY, ENG V4L 3.00 x 1.12
12	.3526	BELT, V 4L 30.7
13	313826	FLATWASHER, .375 x 1.25 x .104
14	120382	WASHER, HVSPTLK .38 ID
15	39573	SCREW, 3/8-24 x 1.00 HHC
		^ SEE ENGINE MANUAL

319042 E

CRAFTSMAN 26" SNOW THROWER 536.886621

DRIVE COMPONENTS REPAIR PARTS

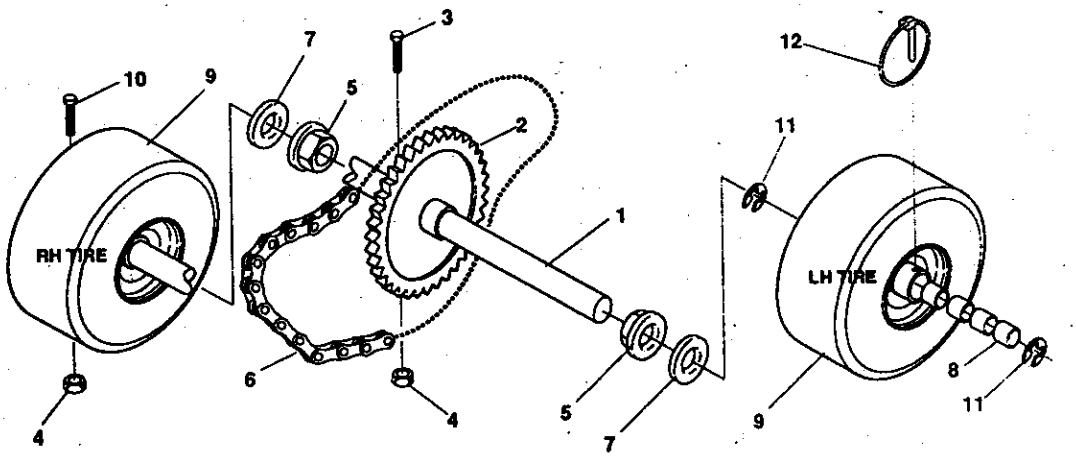


KEY#	PART#	DESCRIPTION
1	579941	LEVER, ASSY TRACT CLUTCH
2	313853	BEARING, FLANGE
3	137185	PIN, COTTER .125 DIA x 1.00LG
4	313919	SPRING, RETURN
5	579937	LEVER, SPRG TRAC CL
6	11871	SCREW, 1/4-20 x .63 HHCFT
7	1502	NUT, 1/4-20 REGHEXCTRLK
8	583164	DISC, ASSY FRICWHL
9	583206	ZERK, GREASE .25-28 x 1.12LG
10	583155	SHAFT, HEX TRACTION
11	85501	BEARING, TRUNION 1.25 ID
12	73812	FLATWASHER, .505 x 1.00 x .06
13	73811	RING, RETEX1.16 x .05TRU5100-125
14	580969	FLATWASHER, .680 x 1.12 X .060
15	49562	BEARING, BALL 6203-2AA(SEALS)
16	580970	KEY, SQUARE .18SQ x .63 LG

KEY#	PART#	DESCRIPTION
17	580961	PULLEY, V3L 6.50 x .56
18	580965	WASHER, WAVE .675 x 1.00 x .020
19	1084	WASHER, FLAT .281 x 1.00 x .063
20	120380	WASHER, SPTLK .26 x .50 x .06
21	180020	SCREW, 1/4-20 x .75 HHC
22	334163	BEARING & RETAINER, ASSY
23	35497	SCREW, 5/16-18 x .50WAHHTAP
24	120638	WASHER, SPTLK .31 x .58 x .08
25	579858	WASHER, SP .502 x .75 x .0605
26	331112	SHAFT & SPROCKET, ASSY #40-8T
27	581773	HUB, FRICTION WHEEL
28	313883	WHEEL, FRICTION DISC 4.375 OD
29	120375	NUT, 1/4-20 REGHEX
30	579893	SPRKET & SHAFT, ASSY 8T&36T-41
31	579867	CHAIN, ROLLER #42 x 40P

CRAFTSMAN 26" SNOW THROWER 536.886621

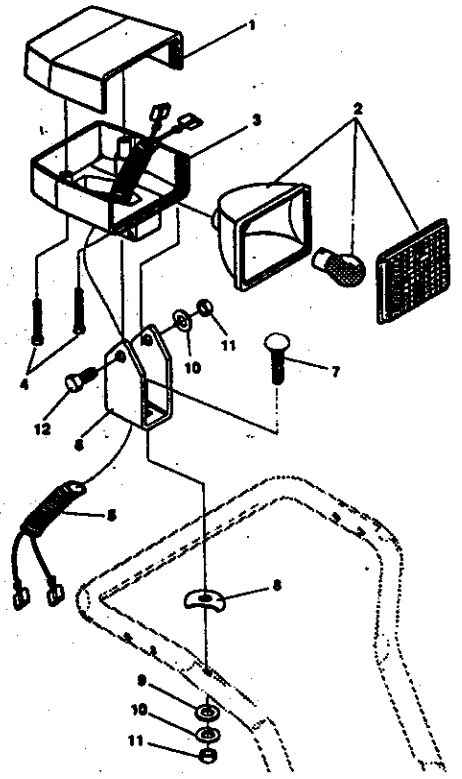
WHEEL ASSEMBLY REPAIR PARTS



KEY#	PART#	DESCRIPTION
1	580883	SHAFT, AXLE WHEEL/MID
2	583012	SPRKT & HUB ASSY, #40 x 35T x .75ID
3	73839	SCREW, 1/4-20 x 2.25 HHC GRD8 BP
4	1502	NUT, 1/4-20 HEXNYL
5	581730	BEARING, FL .755 ID x 1.127OD x .75
6	579867	CHAIN, ROLLER #42 x 4 0P
7	73840	WASHER, FLAT .765 x 1.12 x .06
8	578572	BEARING, FLANGE
9	326465	TIRE & RIM, PU 13 x 5.0 x 6 HOG
10	577015	SCREW, 1/4-20 x 1.50 HHCSP
11	239	RING, RET TRU5115-75
12	73842	PIN, KLIK .25 x 1.38 DIA

318542 C

HEADLIGHT REPAIR PARTS

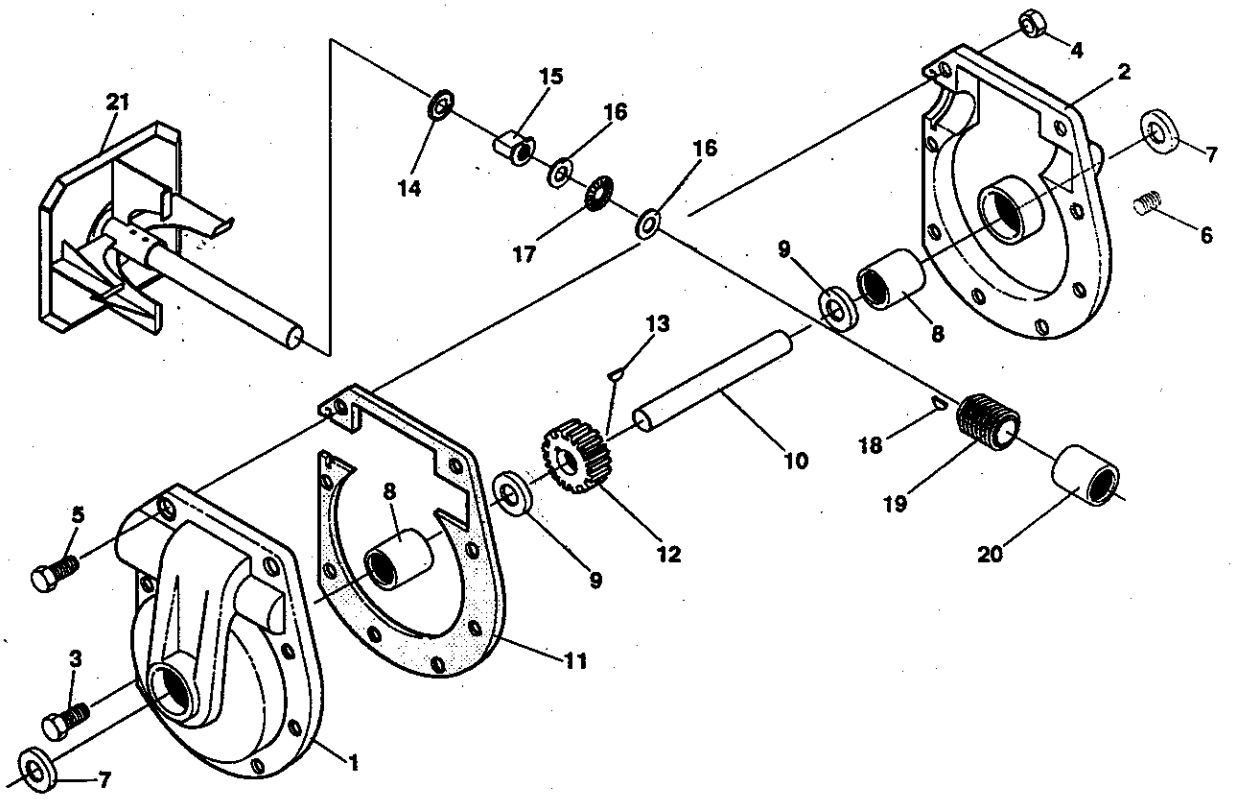


KEY#	PART#	DESCRIPTION
1	307395	HOUSING, HEADLIGHT UPPER
2	581575	HEADLIGHT, ASSY #0530802
3	580530	HOUSING, HEADLIGHT LWR 90
4	307781	SCREW, #8 x 1.75 PHRDPST
5	307767	WIRING HARNESS, ASSY, HDLIGHT
6	4030	BRACKET, LIGHT EXTENDED
7	4160	BOLT, 5/16-18 x 1.75 CARR
8	580527	WASHER, SADDLE 5/16
9	138485	WASHER, EXLK .32 x .60 x .04
10	120638	WASHER, SPTLK .31 x .58 x .08
11	120376	NUT, 5/16-18 REGHEX
12	235	SCREW, 5/16-18 x 2.00 HHCFT

319374 B

CRAFTSMAN 26" SNOW THROWER 536.886621

GEAR BOX REPAIR PARTS



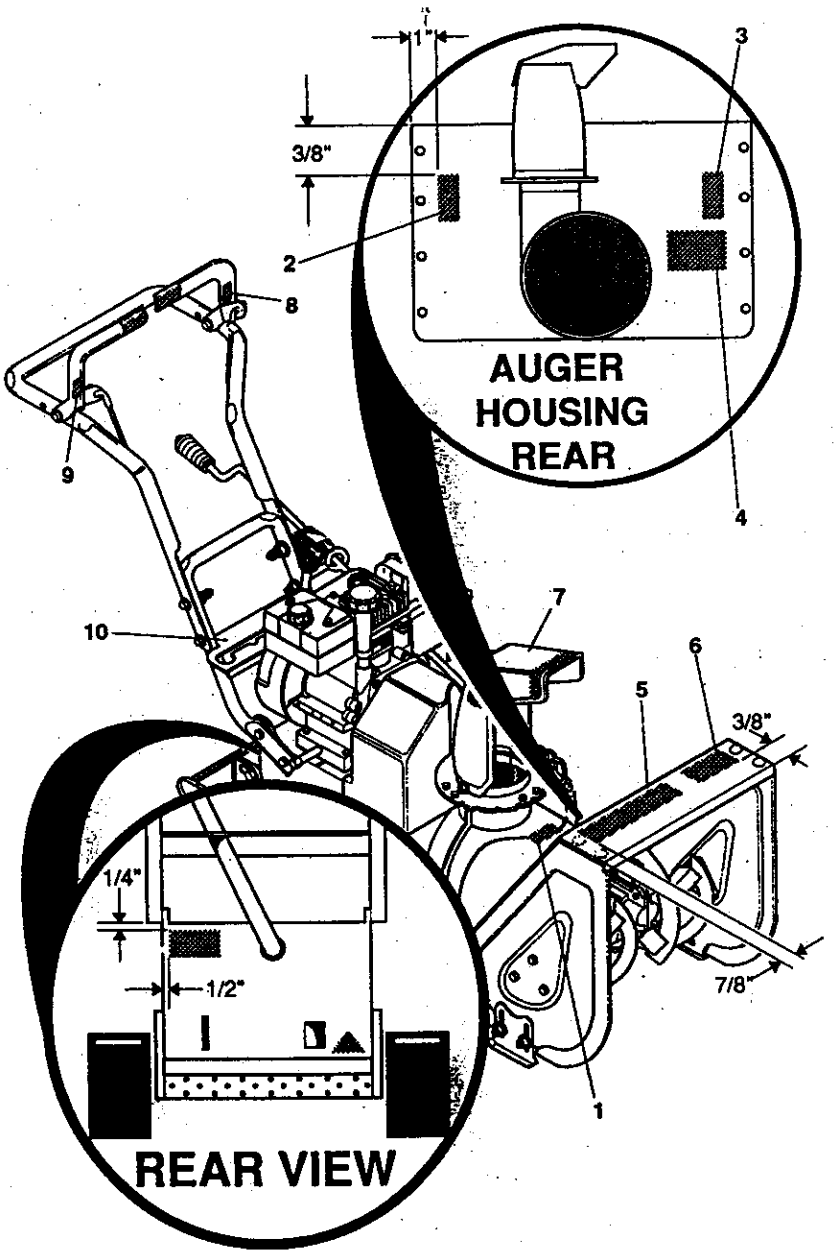
KEY#	PART#	DESCRIPTION
1	896	CASE, GEAR RH 12"AUG/10-12"IMP
2	895	CASE, GEAR LH 12"AUG/10-12"IMP
3	910828	SCREW, 5/16-24 x 1.00 HHC
4	71100	NUT, 5/16-24 HEXWDFLLK
5	123785	SCREW, 5/16-24 x 1.50 HHC
6	313872	PLUG, PIPE 1/4 - 18
7	1065	SEAL, OIL CR 530552 #53744
8	313870	BEARING, SLEEVE
9	313871	FLATWASHER, 1.00 x 1.54 x .09
10	301561	SHAFT, AUGER OUTPUT MF 12"
11	897	GASKET, GEAR BOX

KEY#	PART#	DESCRIPTION
12	313861	GEAR, WORM 22T 3.125 OD
13	73905	KEY, WDRF #91 .75DIA x .25WD
14	313914	RING, QUAD .924ID x .103WD
15	583126	BEARING, FL .753ID x 1.128ODx1.03
16	9346	FLATWASHER, .752 x 1.24 x .093PL
17	313828	BEARING, ROLL.750ID x 1.24OD x .078
16	9346	FLATWASHER, .752x1.24 x .093PL
18	50795	KEY, HI-PRO 606 .75DIA x .187WD
19	313862	GEAR, WORM 1.75 OD
20	53731	BEARING, SLEVE .752ID.88OD x .755
21	585423-830	IMPELLER, ASSY MF 12"3 BLD 92

314014 C

CRAFTSMAN 26" SNOW THROWER 536.886621

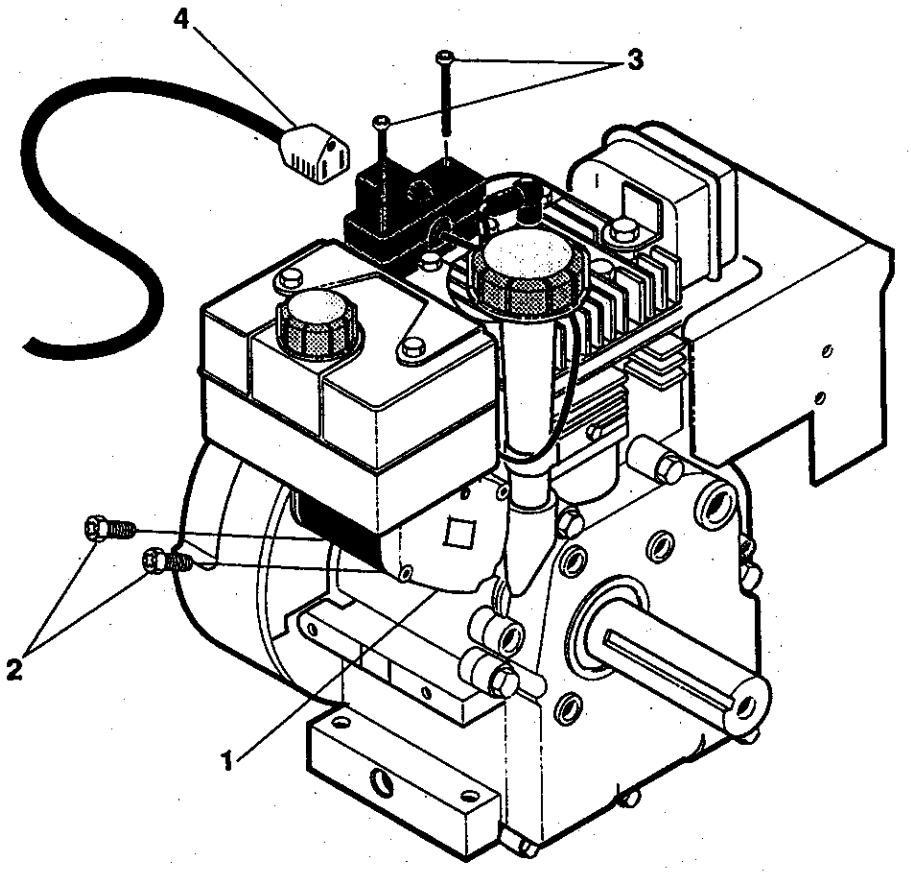
DECALS



KEY#	PART#	DESCRIPTION
1	7376	DECAL, 12" IMPELLER
2	70141	DECAL, DANGER AUGER #11445
3	313892	DECAL, DANGER CHUTE #10442
4	302922	DECAL, DANGER ENGLISH #11444
5	308766	DECAL, CRAFTSMAN (RED) STEEL
6	334157	DECAL, 8/26 ELECTRIC START
7	308768	DECAL, DANG STRIPE CHT SRS
8	3902	DECAL, TRACTION DRIVE ENGAGE
9	3903	DECAL, AUGER DRIVE ENGAGE
10	319033	DECAL, GEAR SELECTOR, COMPACT

318796-314005 B

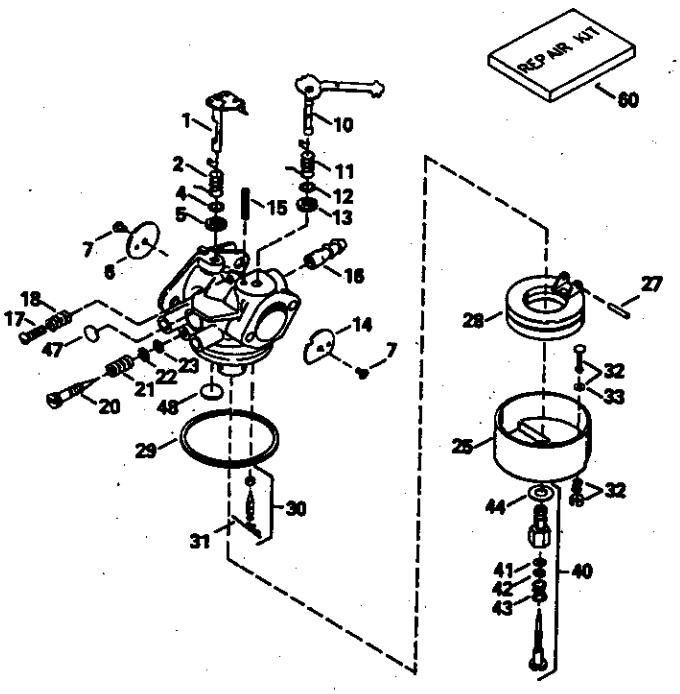
CRAFTSMAN 26" SNOW THROWER 536.886621



KEY#	PART#	DESCRIPTION
1	6218	MOTOR, STARTER TEC 120V
2	6216	SCREW, 1/4-20 x .50HWASEMSTOR
3	6217	SCREW, #6-32 x 2.50 HHC
4	6219	CORD, STARTER MOTOR

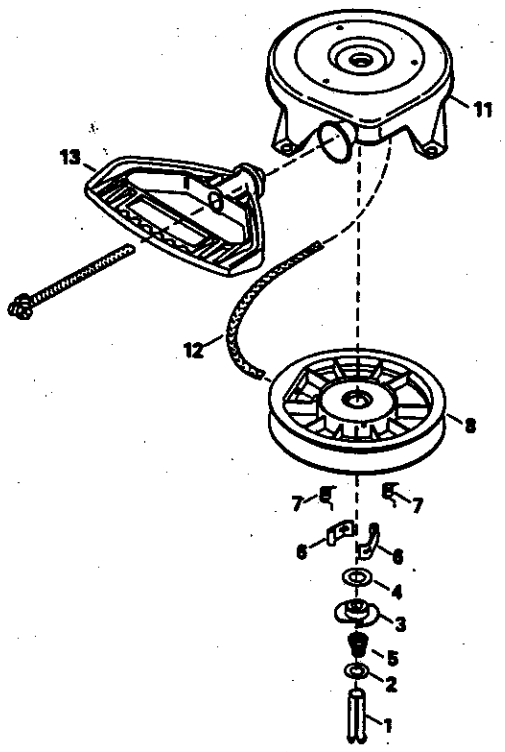
319051 A

CARBURETOR NO. 632334 A



REF.	PART#	PART NAME
1	631776A	THROTTLE SHAFT & LEVER ASSY
2	631970	THROTTLE RETURN SPRING
6	631778	THROTTLE SHUTTER
7	650506	THROTTLE & CHOKE SHUTTER SCREW
10	632112	CHOKE SHAFT & LEVER ASSY
14	632174	CHOKE SHUTTER
15	630735	CHOKE POSITIONING SPRING
16	632164	FUEL FITTING
17	650417	IDLE SPEED SCREW
18	630766	TENSION SPRING
20	*632281	IDLE MIXTURE SCREW
21	630766	IDLE TENSION SPRING
22	630739	WASHER, IDLE SCREW
23	*630740	"O" RING, IDLE SCREW
25	631951	FLOAT BOWL ASSY (INCL. NOS. 32 & 33)
27	*631024	SHAFT, FLOAT
28	632019	FLOAT
29	*631028	"O" RING, FLOAT BOWL TO BODY
30	*631021	INLET NEEDLE, SEAT & CLIP (INCL. NO 31)
31	631022	SPRING CLIP
32	27136A	BOWL DRAIN ASSY
33	27554	DRAIN PLUNGER GASKET
40	*632239	MAIN ADJ. SCREW ASSY (INCL. NOS. 41 THRU 44)
41	*630740	"O" RING, HIGH SPEED MIXTURE SCREW
42	630739	WASHER, HIGH SPEED MIXTURE SCREW
44	*27110	BOWL NUT WASHER
47	*630748	WELCH PLUG, IDLE MIXTURE WELL
48	*631027	WELCH PLUG, ATMOSPHERIC VENT
60	632347	REPAIR KIT (INCL. PARTS MARKED WITH *)

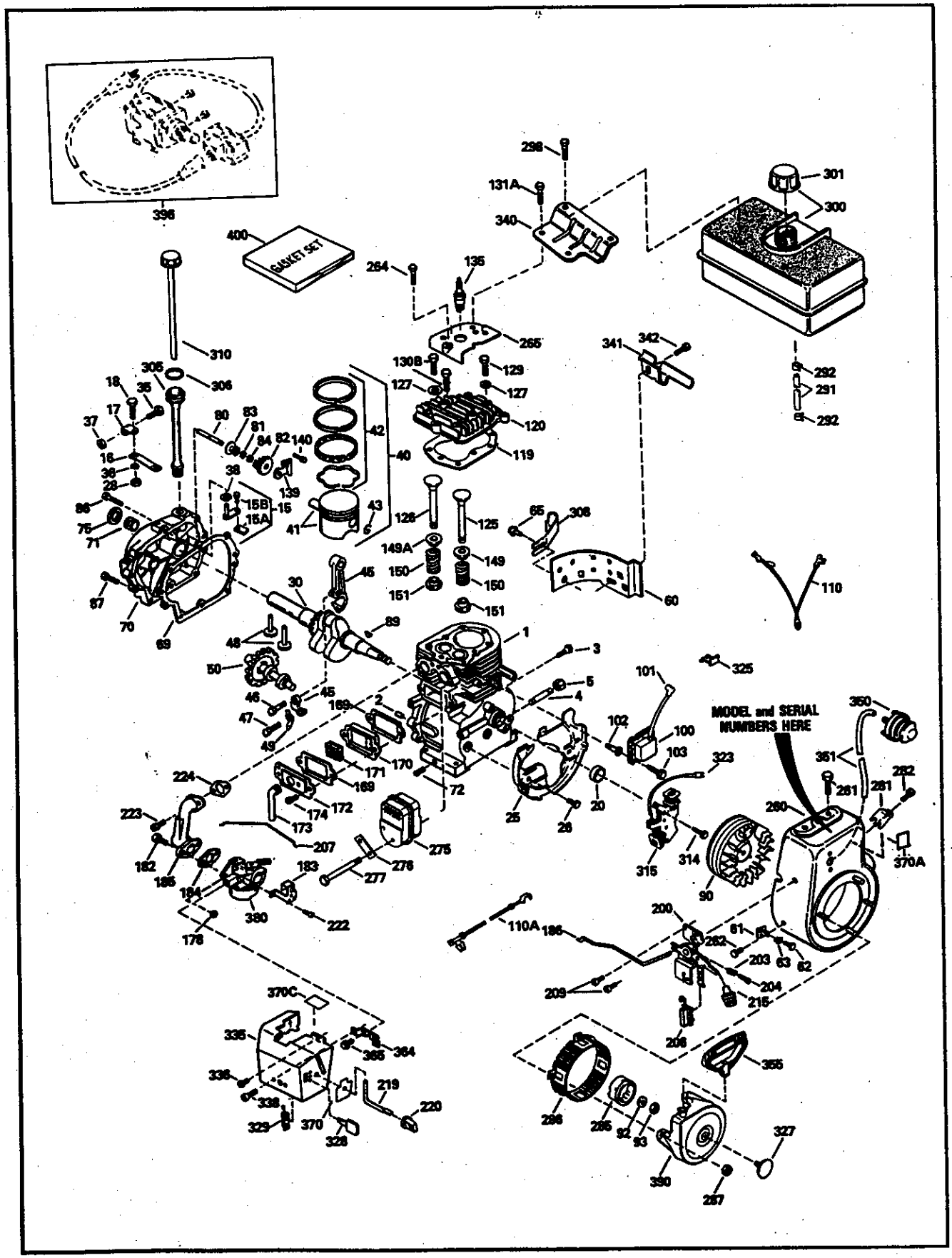
REWIND STARTER NO. 590672



REF.	PART#	PART NAME
	590672	STARTER, REWIND
1	590599A	PIN, SPRING (INCL. NO 4)
2	590600	WASHER
3	590679	RETAINER
4	590601	WASHER
5	590678	SPRING, BRAKE
6	590680	DOG, STARTER
7	590412	SPRING, DOG
8	590682	PULLEY & REWIND SPRING ASSY
11	590684	HOUSING ASSY, STARTER
12	590456	ROPE, STARTER (LENGTH 114" & 11/64" DIA.)
13	590574	HANDLE, MITTEN GRIP (NOT INCLUDED WITH STARTER)

CRAFTSMAN 2-CYCLE ENGINE

MODEL NUMBER 143.948001



CRAFTSMAN 2-CYCLE ENGINE

MODEL NUMBER 143.948001

REF.	PART#	PART NAME
1	35385	CYLINDER (INCL. 2,20 & 72)
2	27652	DOWEL PIN
3	650820	SCREW, 1/4-20 X 1/2"
4	30968	OIL DRAIN EXTENSION
5	30969	EXTENSION CAP
15	30699C	GOVERNOR ROD (INCL. 15A & 15B)
15A	30700	GOVERNOR YOKE
15B	650494	SCREW, 6-40 X 5/16"
16	33454	GOVERNOR LEVER
17	29916	GOVERNOR LEVER CLAMP
18	650548	SCREW, 8-32 X 5/16"
20	35319	OIL SEAL
25	35326	BLOWER HOUSING BAFFLE
26	650561	SCREW, 1/4-20 X 5/8"
28	30322	LOCKNUT, 8-32
30	36245	CRANKSHAFT
35	29826	SCREW, 10-32 X 2/4"
36	29918	LOCK WASHER
37	29216	LOCKNUT, 10-32
38	29642	RETAINING RING
40	34552	PISTON, PIN & RING SET (STD)
40	34553	PISTON, PIN & RING SET (.010"OS)
40	34554	PISTON, PIN & RING SET (.020"OS)
41	34331A	PISTON, PIN ASSEMBLY (.020"OS) (INCL. 43)
41	3492A	PISTON & PIN ASSEMBLY (STD) (INCL. 43)
41	34330A	PISTON & PIN ASSEMBLY (.010"OS) (INCL. 43)
42	34332	RING SET (STD)
42	34333	RING SET (.010"OS)
42	34334	RING SET (.020"OS)
43	27888	PISTON PIN RETAINING RING
45	35373A	CONNECTION ROD ASSEMBLY (INCL. 46, 47 & 49)
46	650908	CONNECTING ROD BOLT
47	650882	CONNECTING ROD BOLT
48	34034	VALVE LIFTER
49	35374	OIL DIPPER
50	35375	CAMSHAFT (BCR)
60	33273A	BLOWER HOUSING EXTENSION
61	34126	GROMMET MOUNTING BRACKET
62	650760	SCREW, 8-32 X 3/8"
63	28545	GROMMET
65	650128	SCREW, 10-24 X 1/2"
69	*35262	CYLINDER COVER GASKET
70	35376	CYLINDER COVER (INCL. 71, 75 & 80)
71	35377	CRANKSHAFT BUSHING
72	27642	OIL DRAIN PLUG
75	35319	OIL SEAL
80	31845	GOVERNOR SHAFT
81	30590A	WASHER
82	35378	GOVERNOR GEAR ASSEMBLY (INCL. 81)
83	30588A	GOVERNOR SPOOL
84	29193	RETAINING RING
86	650833	SCREW, 1/4-20 X1-11/16"
89	32589	FLYWHEEL KEY
90	611093	FLYWHEEL (W/RING GEAR)
92	650880	LOCK WASHER
93	650881	FLYWHEEL NUT
100	35135	SOLID STATE IGNITION
101	610118	SPARK PLUG COVER
102	650872	SOLID STATE MOUNTING STUD
103	650814	SCREW, TORX T-15, 10-24 X 1"
110	35253	GROUND WIRE
110A	35305	GROUND WIRE
119	*36448	CYLINDER HEAD GASKET
120	36449	CYLINDER HEAD
125	27880A	EXHAUST VALVE (1/32" OS) (INCL. 151)
125	27878A	EXHAUST VALVE (STD) INCL. 151)
126	34036	INTAKE VALVE (1/32" OS) (INCL. 151)
126	34035	INTAKE VALVE (STD) (INCL. 151)
127	650691	WASHER
129	650727	SCREW, 5/16-18 X 1-3/4"
130B	6021A	SCREW, 5/16-18 X 1-1/2"
131A	650713	SCREW, 5/16-18 X 5/8"
135	35395	RESISTOR SPARK PLUG (RJ19LM)
139	33369	GOVERNOR GEAR BRACKET
140	650836	SCREW, 10-24 X 1/2"
149	27882	VALVE SPRING CAP
149A	35862	VALVE SPRING CAP
150	27881	VALVE SPRING
151	32581	VALVE SPRING KEEPER
169	*27896A	VALVE COVER GASKET
170	28423	BREATHER BODY
171	28424	BREATHER ELEMENT
172	28425	VALVE COVER
173	35350	BREATHER TUBE
174	650128	SCREW, 10-24 X 1/2"
178	29752	NUT & LOCK WASHER, 1/4-28
182	30088A	SCREW, 1/4-28 X 1"
183	34587	CHOKE BRACKET
184	*33263	CARBURETOR TO INTAKE PIPE GASKET
185	33871	INTAKE PIPE
186	34667	GOVERNOR LINK
200	34677	CONTROL BRACKET (INCL. 203 & 204)
203	31342	COMPRESSION SPRING
204	650549	SCREW, 5-40 X 7/17"
206	610973	TERMINAL
207	33878	THROTTLE LINK
209	650821	SCREW, 10-32 X 1/2"
215	35440	CONTROL KNOB
219	34586	CHOKE ROD
220	35438	CHOKE KNOB
222	28820	SCREW, 10-32 X 1/2"
223	650378	SCREW, TORX T-30, 5/16-18 X 1-1/8"

*** INDICATES PARTS INCLUDED IN GASKET SERT, REF. NO. 400**

CRAFTSMAN 2-CYCLE ENGINE

MODEL NUMBER 143.948001

REF.	PART#	PART NAME
224	*27915A	INTAKE PIPE GASKET
260	35447A	BLOWER HOUSING
261	650788	SCREW, 5/16-18 X 3/4"
262	29747B	SCREW, TORX T-40, 5/16-24 X 21/32"
264	650802	SCREW, 1/4-20 X 5/8"
265	33272B	CYLINDER HEAD COVER
275	35056	MUFFLER
276	31588	LOCKING PLATE
277	792093	SCREW, 5/16-18 X 4-3/16"
281	33013	STARTER BUBBLE COVER
282	650760	SCREW, 8-32 X 3/8"
285	34985A	STARTER CUP
286	35446	STARTER SCREEN
287	29752	NUT & LOCK WASHER, 1/4-28/64"
291	30705	FUEL LINE
292	26460	FUEL LINE CLAMP
298	650665	SCREW, 1/4-15 X 7/8"
300	34156A	FUEL TANK (INCL. 292 & 301)
301	35355	FUEL CAP
305	35554	OIL FILL TUBE
306	35499	"O" RING
308	35540	FILL TUBE CLIP
310	36205	DIPSTICK
314	650873	SCREW, 1/4-20 X 3/4"
315	611111	ALTERNATOR COIL (18 WATT) (INCL. 323)
623	611118	TERMINAL
625	29443	WIRE CLIP
327	35392	STARTER PLUG

REF.	PART#	PART NAME
328	35593	SWITCH KEY
329	610973	TERMINAL
335	35057A	CARBURETOR COVER
336	650765	SCREW, 10-32 X 1/2"
338	28942	SCREW, 10-32 X 3/8"
340	34155	FUEL TANK BRACKET
341	34154	FUEL TANK BRACKET
342	650561	SCREW, 1/4-20 X 5/8"
350	570682	PRIMER ASSEMBLY
351	32180C	PRIMER LINE
355	590574	STARTER HANDLE
364	33377	CARBURETOR COVER BRACKET
365	650767	SCREW, 8/32 X 27/64"
370	35077	CHOKE DECAL
370A	34144	PRIMER DECAL
370B	35878	WARNING DECAL
380	632334A	CARBURETOR (INCL. 184)
390	590672	REWIND STARTER
396	XXXXXX	ELECTRIC STARTER MOTOR KIT 143.88924 (OPTIONAL)
400	36450	GASKET SET (INCLUDES ITEMS MARKED *)
		RPM SETTINGS: HIGH SPEED: 3550 TO 3850 LOW SPEED: 1700

*** INDICATES PARTS INCLUDED IN GASKET SERT, REF. NO. 400**